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The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

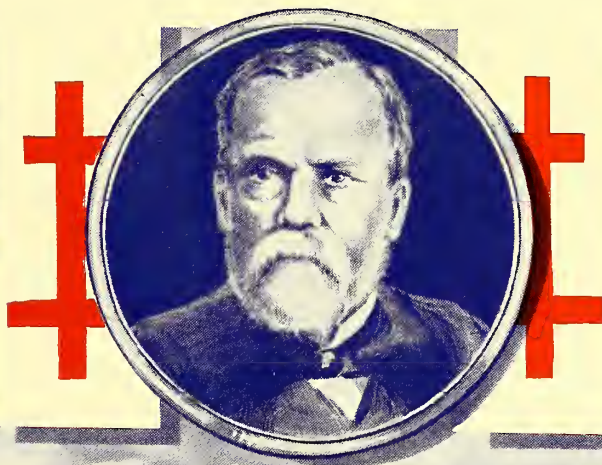
Registered as a Newspaper

No. 3215
VOL. CXXXV

SEPTEMBER 20, 1941

Annual Subscription (with
Diary) 25/-. Single Copies 9d.

INTERESTING
EVENTS



IN PHARMACY
No 6

LOUIS PASTEUR
1822 - 1895

Forty-six years ago today died one of humanity's greatest benefactors whose glory transcends the illusionary fame of destructive conquerors. He was first and foremost a Chemist whose scientific acumen and profound sagacity enabled him to solve the problems of the infinitely small. . . . His discoveries revolutionised surgery and his immortal work on Hydrophobia led to the foundation of the Pasteur Institute.

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also served the ever-growing requirements of the Drug Trade during this memorable reign and today are successfully combating the period through which we are passing.



Euthymol

TOOTH PASTE

ONLY the best is good enough for men on active service. When you are asked for a tooth paste, recommend Euthymol. For more than 25 years this dentifrice has followed a consistent policy—no reduction in the chemist's profit; no reduction in size; no small size; always on the P.A.T.A. Moreover, it is a profitable product well worth your attention.

Send for Terms to

PARKE, DAVIS & CO., BEAK ST., LONDON, W.1



ORANJEAST

is NOT AN ORANGE
SUBSTITUTE but a
tonic yeast drink in
a novel and pleasing
form

You can sell easily

This NEW TONIC FOOD DRINK

The Strengthening Qualities of YEAST.

The Delicious Flavour of Oranges

Oranjeast is a tonic yeast drink in a novel and pleasing form. It possesses the healthful qualities of yeast plus the luscious flavour of oranges. Rich in Vitamins B.1. and B.2., also Proteins. Oranjeast is a harmless stimulant, a potent energiser, and a reliable pick-me-up as well as being one of the pleasantest drinks obtainable today.

**ORANJEAST HAS BEEN AWARDED THE CERTIFICATE OF
THE ROYAL INSTITUTE OF PUBLIC HEALTH AND HYGIENE
REGULARLY ADVERTISED**

Regular National Advertising starts October 1

Order a supply now

WHOLESALE

81/-

per gross

RETAIL

9d.

PROFIT

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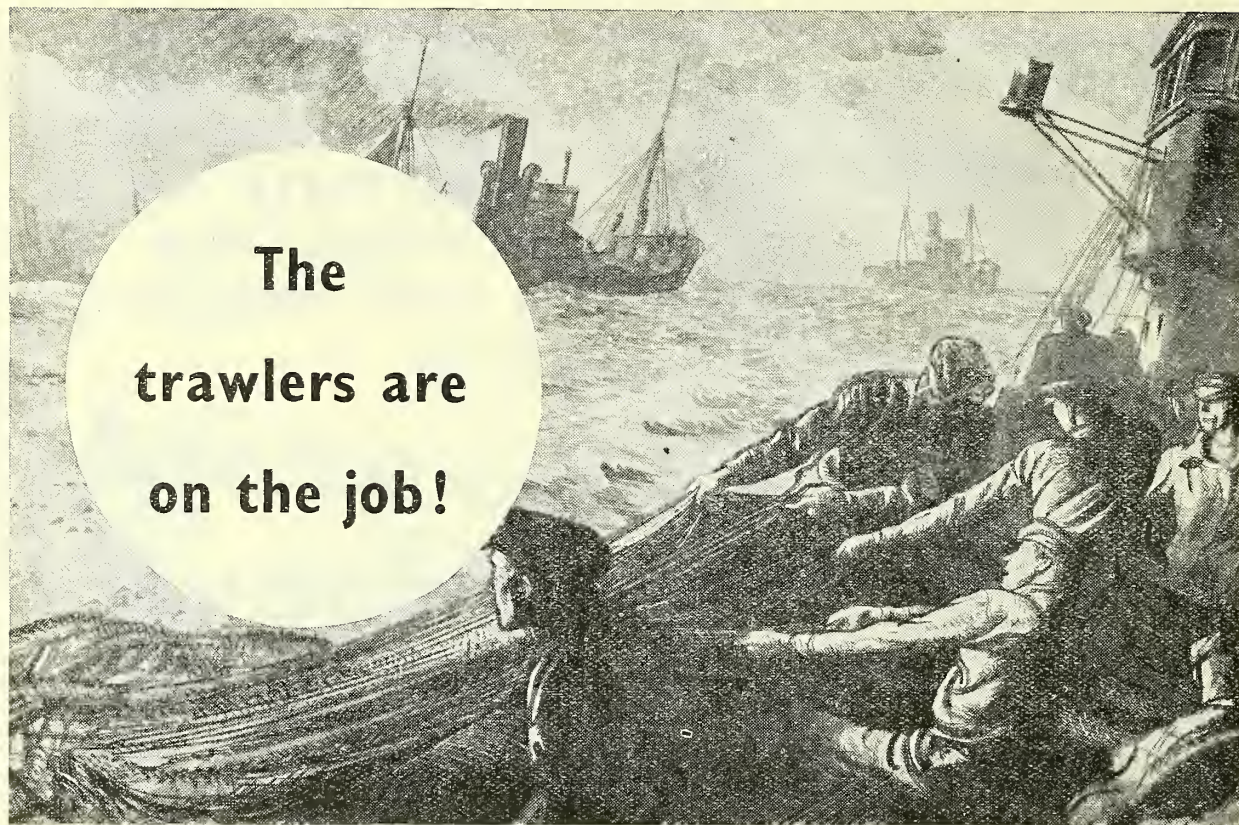
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**ORDER ORANJEAST through your usual wholesaler or
MAW, SON & SONS, LTD., ALDERSGATE HOUSE. NEW BARNET**

ORANJEAST

The Morning and Evening Drink for Health and Pleasure

THAMES CHEMICALS, LTD., 2 THE GREEN, RICHMOND, SURREY



**The
trawlers are
on the job!**

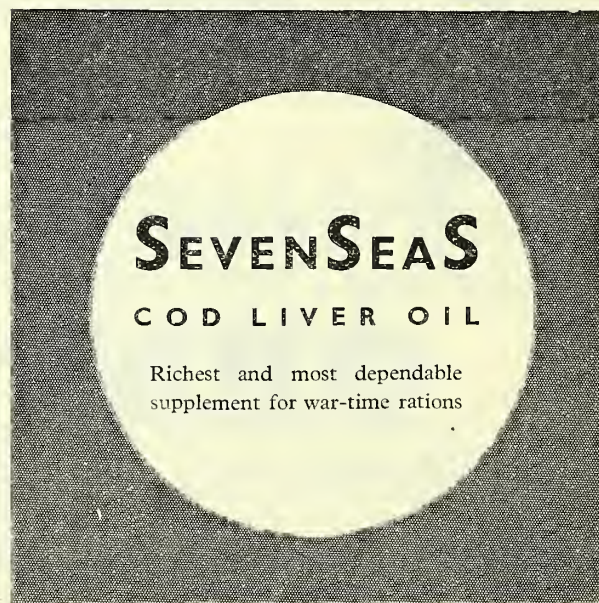
Into the perilous seas they go to build up the stocks of Cod Liver Oil which are going to keep the nation fit in the days ahead. The other half of the job is *yours* — to see that stocks are adequate in your pharmacy. Distribution takes time these days and transport will be much more difficult when winter comes . . .

Get your stocks of SevenSeaS *now*. They are a good investment. People are turning to Cod Liver Oil as the best supplement to rationed food. The demand is already enormously expanded. Don't let your stocks of SevenSeaS get low, order *now* — and in your own interest continue to order well in advance. The SevenSeaS national advertising has only just commenced.

Many things are scarce and many qualities have altered, but you can still get plenty of SevenSeaS

and its quality and purity remain unaltered.

SevenSeaS is available in three forms: Standard Oil, Concentrated Oil, and Concentrated Oil in Capsules. All SevenSeaS is tested biologically and is always pure and fresh.



Antitoxins and Sera



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BIOLOGICAL EVANS INSTITUTE

E V A N S S O N S L E S C H E R & W E B B L T D .

This makes a 'Baker's Dozen' look pretty unexciting..!

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PROPAX BONUS OFFER

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P R O D U C T S

FOR FEMININE HYGIENE



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Expressed in parts per 100,000

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Magnesium bicarbonate ($\text{Mg}(\text{HCO}_3)_2$)	8.71
Sodium bicarbonate (NaHCO_3)	437.80
Sodium sulphate (Na_2SO_4)	29.67
Sodium chloride (NaCl)	31.63
Potassium chloride (KCl)	14.32
Iron and Alumina, Silica, etc.	1.05
	<u>532.01</u>

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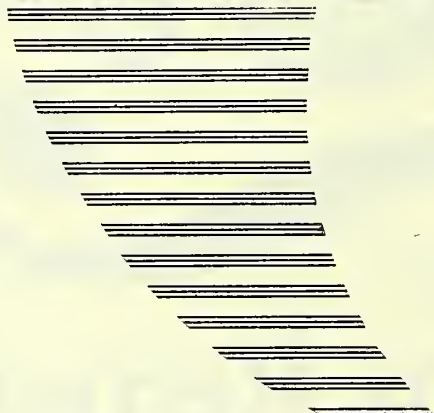
VENO DRUG CO. LTD.

CHESTER ROAD, MANCHESTER 16

"V"

Specialists in the
manufacture of

PILLS and TABLETS



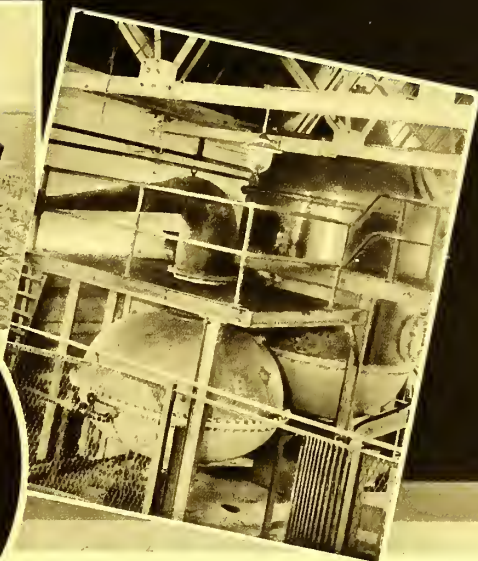
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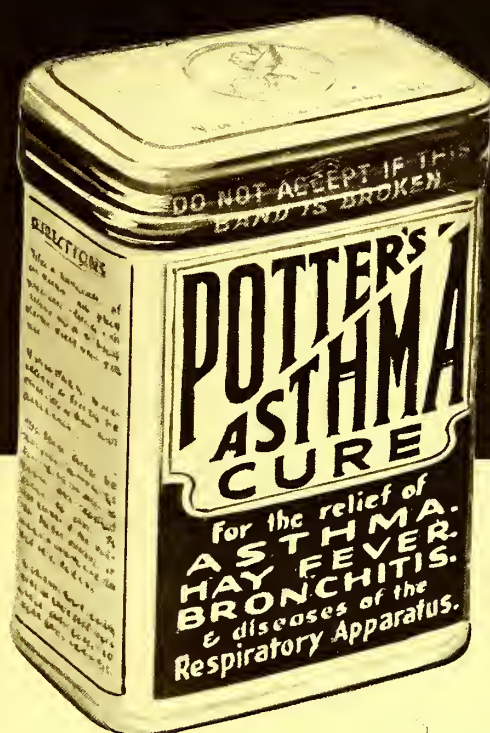
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 bottles with
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FOR RETAILERS

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TO RETAILERS 10% on 50/- orders and over
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Reduced from 2½d.

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The position of the Mercury column is at once perfectly plain. Red markings above 99.4

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Ribbon Gauzes
Absorbent Lint
Boric Lint
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HELLA PREVENTIVES ARE HOT VULCANISED AND WILL
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JULIAN GROSSE
TENANT HOUSE, 50 GT. PORTLAND ST., LONDON, W.1
Phone: Museum 0060

ADVERTISING IS RATIONED *DON'T WASTE IT!*

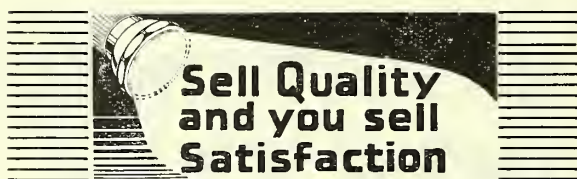
Display Ex-Lax
and get the utmost
profit from this
nation-wide
campaign

The collage features several Ex-Lax advertisements. On the left, a comic strip titled 'AN UGLY SCENE' shows a woman in distress, with a speech bubble saying 'OLD-FASHIONED NASTY PURGATIVE'. Next to it is a panel titled 'THE LAXATIVE THAT TASTES LIKE CHOCOLATE' showing a woman looking happy, with a speech bubble saying 'AS GOOD AS GOLD'. Below these are more comic panels: 'A REGULAR NIGHTMARE' showing a woman in a nightgown, 'BED TIME FANTASIES' showing a woman in bed, 'THE CHOCOLATE CONSTIPATION REMEDY' showing a woman eating, and 'OLD-FASHIONED HABIT-FORMING PURGATIVE' showing a woman in a nightgown. In the center, there are several boxes of Ex-Lax, each with the text 'gentle - pleasant EX-LAX for COMPLETE CONSTIPATION RELIEF' and a list of benefits: '★ NICE TO TAKE', '★ NOT HABIT-FORMING', '★ NO MESS - NO BOTHER', '★ GENTLE YET THOROUGH from all chemists'. The price '2½ 7 1/5 (Incl. Tax)' is also visible on the boxes. On the right, a comic panel titled 'THE MODERN SCIENTIFIC LAXATIVE' shows a woman in a nightgown, with a speech bubble saying 'CHOCOLATE TASTING'. Below this is another comic panel titled 'A PAINFUL NECESSITY' showing a woman in a nightgown, with a speech bubble saying 'CHOCOLATE TASTING'. At the bottom left, a comic panel titled 'A SLAVE TO HABIT' shows a woman in a nightgown, with a speech bubble saying 'OLD-FASHIONED HABIT-FORMING PURGATIVE'. Next to it is a panel titled 'THE LAXATIVE THAT DOES YOU GOOD' showing a man in a suit, with a speech bubble saying 'AS AND WHEN REQUIRED'. In the bottom center, there is a box of Ex-Lax with the text 'gentle - pleasant EX-LAX for COMPLETE CONSTIPATION RELIEF' and a list of benefits: '★ CHOCOLATE TASTING', '★ NOT HABIT-FORMING', '★ NO MESS - NO BOTHER', '★ GENTLE YET THOROUGH from all chemists'. The price '2½ 7 1/5 (Incl. Tax)' is also visible on the box.

CF P.A.T.A.

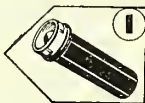
This attractive series of "EX-LAX" advertisements is appearing currently in National and Provincial newspapers, making a total of over 6 million advertisements per week throughout the Country.

Write to EX-LAX, LTD., SLOUGH, BUCKS
FOR UP-TO-DATE SHOW MATERIAL



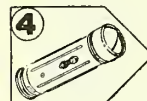
You need have no doubts about the fine quality of these torches—all are British Made, are fully tested in our warehouse before despatch, and we will replace or substitute any item of which you do not approve if returned within seven days.

Ideal moulded "Midget Torch." Takes 1-cell No. 8. Flash or permanent contact. Assorted colours. Carded in 12's. 4/6 doz.



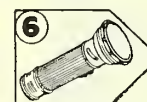
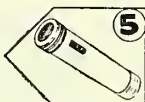
Attractive moulded Torch Case in assorted colours. Takes No. 8. Fitted patented "Slotted Mask" conforming to regulations. Carded in 6's. 10/6 doz.

Beautifully finished moulded Pen Torch Case fitted with pocket clip. Takes standard 2-cell Pen Battery. 15/- doz.



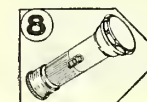
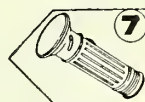
Metal Torch Case, Chrome finish, slide switch, fitted patented "Slotted Mask" conforming to regulations. Takes No. 8. 9/6 doz.

Well-made metal Torch Case, nickel plated. Slide switch. Takes two U.2 cells. Recommended for hard wear. 20/- doz.



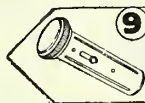
Extra quality N.P. Torch Case, focusing with slide switch. Takes two U.2 cells. Ideal for customers who want the best. 30/- doz.

Nickel plated on BRASS focusing Torch Case with slide switch. Takes No. 8 battery. 12/- doz.



Well-finished nickel plated focusing Torch Case. Takes No. 8 battery. 9/- doz.

Handy and sturdy plain non-focusing Torch Case. Takes No. 8 battery. A good line for your low-priced trade. 8/6 doz.



Metal Cycle Lamp with rear light connection. Regulation shade. Takes No. 800 battery. Also ideal for A.R.P. use. 30/- doz.

No.'s 1-5 do NOT include bulb or battery. No.'s 6-10 include bulb but NOT battery.

FLASH LAMP BULBS (Foreign)

1.5 V. spot clear 11 m/m 0.20 amp.	12/6 per 100.
2.5 V. spot clear 11 m/m 0.20 amp.	9/- per 100.
3.5 V. spot clear 11 m/m 0.20 amp.	10/- per 100.
6 V. dynamo bulbs 15 m/m 0.30 amp.	25/- per 100.

All these bulbs are tested before despatch and bear label on box to that effect.

TERMS: All goods sent ex warehouse and carriage forward. Despatch on receipt of order when accompanied by cash which earns 3½% discount. C.O.D. 2½% discount. Purchase Tax extra unless you are registered in which case please quote number. Registered Factors under P.T. allowed usual Factors' discounts.

SAMS
DISTRIBUTION. LTD.

7 Southampton Pl. London W.C.1 Tel: HOLborn 7080

DISKA

BULB

REG. NO. 815689

CLINICAL THERMOMETERS

Diska Bulb Clinical Thermometers are recognised as the most perfect type of clinical thermometers to use



Note the Special Disc Shaped Bulb

OBTAINABLE AT FIXED PRICES
FROM ALL WHOLESALE HOUSES

Sole Manufacturers

A. C. COSSOR & Son (Thermometers) Ltd. London

SELL SATISFACTION! SAVE STEEL!

The basis of the Multishave is the smoothest, fastest cutting, most efficient abrasive obtainable. Retail, 1/6 each. 10/- per dozen, plus 3/4 tax. Packed 3 dozen per carton. Smart showcards with each order.

MULTISHAVE

SAFETY RAZOR BLADE SHARPENER

MULTISHAVE LIMITED, FORTRESS GROVE, N.W.5. Telephone: GULLiver 1467

TAMPAX

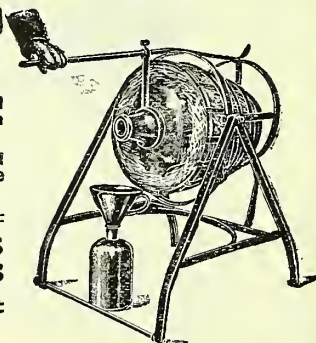
Sanitary Protection WORN INTERNALLY

Sole Distributors: Splendor Ltd., 5 Beastmarket Hill, Nottingham for Tampax Ltd., Belvue Road, Northolt, Middlesex

CARBOY STAND AND TILTER

For drawing off small quantities of Acids from Carboys.

The Carboy can be tipped to any position with one hand.



LEIGH & SONS
METAL WORKS
Orlando Street
BOLTON

SPECIALISTS IN THE MANUFACTURE OF

TABLETS & PILLS



SINCE

1860

Also... AMPOULES · EMULSIONS · EXTRACTS
 INFUSIONS · OINTMENTS · SUPPOSITORIES.
 PROPRIETARY AND OWN FORMULA PILLS AND TABLETS

*We invite enquiries from Wholesalers and Exporters for all
 classes of Pharmaceutical Preparations in bulk or packed*
RICHARD DANIEL & SON, LTD., DERBY.

Simpkins

WAR TIME
DISTRIBUTIONDoctors' Prescriptions for
SIMPKINS

Glucose Barley Sugar and
 Glucose Barley Sugar with Halibut Liver Oil

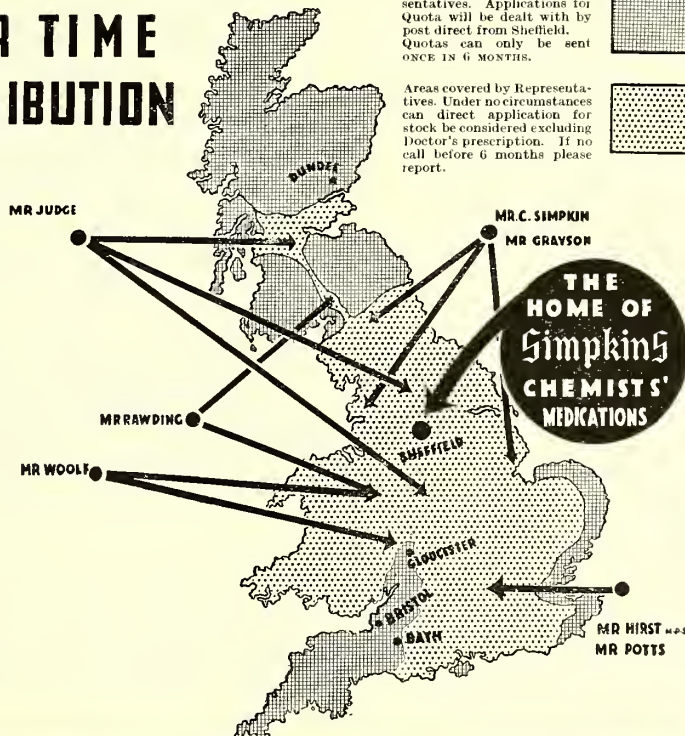
Instructions have been received from the Government to reserve a certain percentage of our output for urgent medical demands. Owing to limited staff and in order to facilitate supplying, chemists receiving prescriptions of this nature are requested to adopt the following procedure:—

1. To send the order direct to our Factory, Hunter Road, Sheffield, 6.
2. To enclose the *original prescription*, which *must* state the total quantity of Barley Sugar to be supplied
3. To enclose a remittance based on the following costs

Glucose Barley Sugar
 at the rate of 2s. 3d. per lb. (inclusive of cartons). To retail at 3s. 2d.
Glucose Barley Sugar with Halibut Liver Oil
 at the rate of 3s. 6d. per lb. (inclusive of cartons). To retail at 5s. 6d.

Postage to be added at the rate of 7d. up to 3 lb. and 1d. per lb. in excess of 3 lb.

4. To state whether the products have to be sent direct to the patient or to the chemist.



A. L. SIMPKIN & CO. LTD. MANUFACTURING CHEMISTS. SHEFFIELD. 6

A Good Opportunity

for the coming Autumn and Winter



'VIMALTOL'—a concentrated vitamin food—offers Pharmacists the opportunity to increase their sales during the coming autumn and winter.

The intrinsic merit of 'Vimaltol,' its delicious taste and its economy in use will ensure that your sales are regular and repetitive, thereby providing a profitable turnover.

'Vimaltol' has special advantages. It contains Halibut Oil fortified with added vitamins, the whole being introduced in a basis of the finest malt extract. The presence of vitamin C in combination with vitamins A, B and D gives to 'Vimaltol' additional beneficial properties.

'Vimaltol' is a modern preparation based on present-day scientific knowledge and produced by exclusive scientific processes. Its exceptional nutritive properties make it of particular value in the dietary of children—for building up strength and weight and increasing resistance to coughs, colds and other winter ailments.

For all these reasons 'Vimaltol' offers you a definite opportunity to increase your autumn and winter sales. It would therefore be advantageous to look to your stocks now.

VIMALTOL

A DELICIOUS, CONCENTRATED, ECONOMICAL
VITAMIN FOOD

*A Product possessing advantages over
Malt & Cod Liver Oil and Malt & Halibut Oil*

Retail Prices : 1-lb. Jar, 2/2d. 2-lb. Jar, 3/8d.

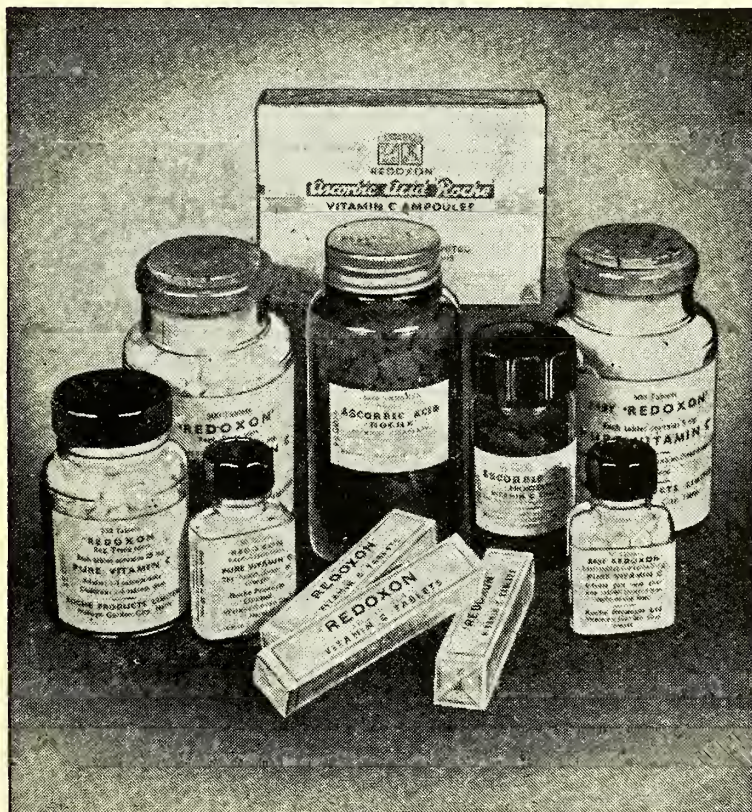
Write for Trade Terms to: A. WANDER, LTD., 184 QUEEN'S GATE, LONDON, S.W.7

Important Notice

ABUNDANT SUPPLIES AVAILABLE

Owing to fruit scarcity there has been a greatly increased demand for 'Redoxon' Vitamin C, which has led to rumours of a shortage. Such reports are without foundation. Thanks to large-scale manufacture by ourselves in England, abundant supplies are available.

'REDOXON' VITAMIN C



Orders for 'Redoxon' Tablets, now issued in three strengths, standard ampoules (100 mg.) and 'Redoxon' Forte ampoules (500 mg.) can be dispatched immediately.

'REDOXON' PACKINGS

- 'REDOXON' Tablets (50 mg.)
20's, 100's and 500's
- 'REDOXON' Tablets (25 mg.)
50's, 250's and 500's
- Baby 'REDOXON' (5 mg.)
50's and 500's
- 'REDOXON' Ampoules (100 mg.) 2 c.c., 6's and 50's
- 'REDOXON' Forte Ampoules (500 mg.) 5 c.c., 3's & 25's



Write for further particulars to the Manufacturers:

ROCHE PRODUCTS LIMITED
WELWYN GARDEN CITY, HERTS.

INCREASE YOUR PROFITS WITH UNRESTRICTED SALES OF

THE **LITTLE CHAP** THE STAIN-REMOVER WITH THE FILTER TOP



SOME FACTS ABOUT THE LITTLE CHAP

- Removes without trace, dirt and stains of all kinds; even grease, oil, paint, tar, etc.
- No cloth. No waste.
- No loss through evaporation.
- Available for instant use.
- Very economical.
- Non-inflammable.

HOW TO USE.—All you have to do is remove outer screw cap, turn the bottle upside down and rub the stain gently to and fro with the cloth filter—the stain disappears as if by magic.

WE APOLOGISE to our customers for the unavoidable delay of supplies, and in some cases insufficient sealing of bottles due to war-time packing. We are now able to assure all customers of prompt delivery and exact sealing of bottles.

TRADE DISCOUNT 33 $\frac{1}{3}$ %. 13 bottles supplied to every dozen ordered. Show cards supplied with every order. Stock, show and **SELL The Little Chap.**

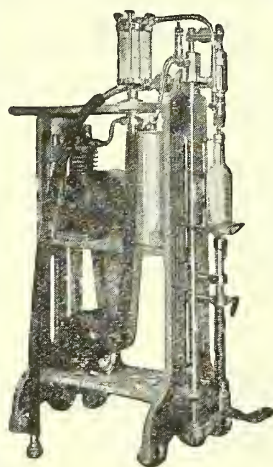


RETAIL PRICES
MEDIUM SIZE 1/-
LARGE SIZE 1/6

THE **LITTLE CHAP**

London Pharmaceutical Laboratories Ltd.
37 Bedford Square W.C.1

ROBERTS' PATENT "LEO" VACUUM FILLER



for Glass, Stone,
and Tin Bottles.
Fills all sizes from
drachm to quart—
long, short or
sprinkler neck.

**Clean and Rapid
No Over Filling
Broken Bottles
Rejected
Easy to Clean
Self Rinsing**

WRITE FOR
PARTICULARS

Roberts' Patent Filling Machine

Company Limited
BOLTON, LANCASHIRE

Makers of every description of Bottle Filling and Show
Bottle and Tin Filling Machine for the Chemists' use

ALL RIGHTS RESERVED

Dressed in the BEST!



The finest dress-
ers make the
finest powders,
and GARDNER'S
Patent "Quick-
change" Fine

Powder Dresser is the best of them all. "Quick-
change" screens, easily cleaned, enable it
to be used for a dozen different powders
daily. Simple to work and cheap to run,
there is a size to suit your job. Can also
be run in combination with mixers
and sprayers. Write for catalogue.

GARDNER *Patent 'Quick Change'* **FINE POWDER DRESSER**

WM. GARDNER & SONS (GLOUCESTER) LTD.
Bristol Road, Gloucester

Telephone: 2288 (3 lines). Telegrams: "Gardner, Gloucester"
LONDON: 19 Grays Inn Chambers, 20 High Holborn, W.C.1
Telephone: Chancery 7347

THE LATEST MANESTY MACHINE

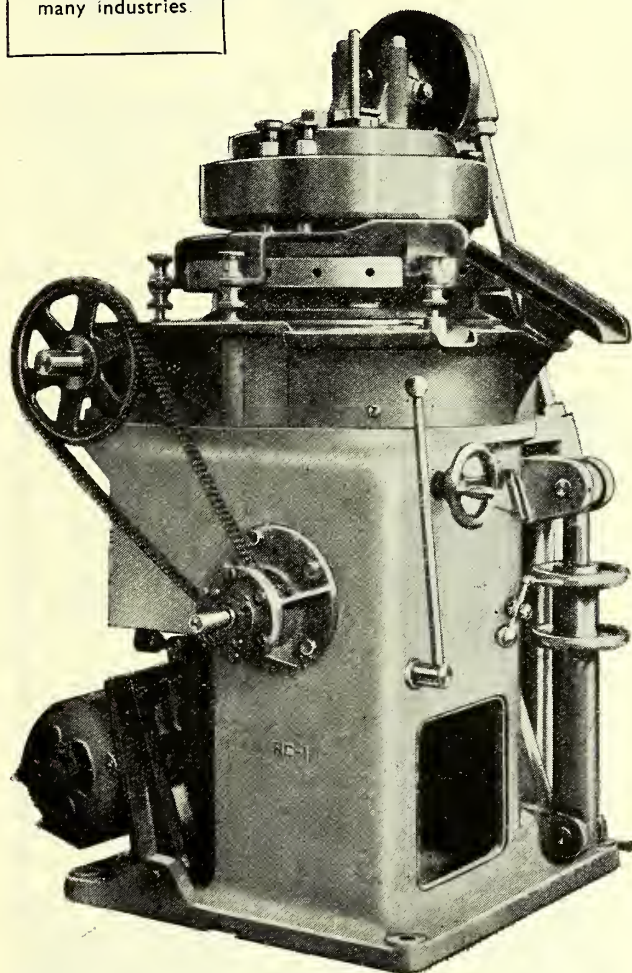
THE

MANESTY

'R.S.I'

ROTARY TABLET MACHINE

The new MANESTY Tablet Machines are a revolution and a revelation in Tablet-Making. They are entirely British made and the result of years of experience in the manufacture of machinery for the compression of tablets used nowadays in so many industries.



This is a large Rotary Tablet machine of rugged construction, suitable for compressing heavy-weight tablets and capable of giving a large output.

The machine is fitted with a built-in motor and variable speed drive. A clutch control is also included. All adjustments are at the front of the machine. The machine is fitted with 21 upper punches, 21 lower punches and 21 dies. The Dies are reversible.

Tablets receive equal pressure on both sides. Adjustments to weight, pressure and output can be made while the machine is in motion. Total pressure up to 8 tons can be obtained. Automatic pressure release is fitted which would operate should any extraneous matter get into the Die.

Lubrication is by Grease Gun and Sight Feed Oilers.

The machine is fully guarded.

- Maximum Diameter of Tablet: $1\frac{3}{8}$ in.
- Maximum Depth of Fill: 2 in.
- Output: 165-337 tablets per minute
- Horse-power required: 4
- Motor Speed: 1425 R.P.M.
- Floor Space: 33 in. by 33 in.
- Height: 7 feet
- Weight: 32 cwt.

Send for details
of this and other
Manesty Machines
to—

BRITISH MADE

MANESTY MACHINES LTD.

5 SPEKE HALL ROAD
LIVERPOOL 19

Telegrams: MANESTY, LIVERPOOL

Telephone: GARSTON 1511



MEDICINAL PRODUCTS OF ANIMAL ORIGIN

—0—

Chemist Counter Lines

ARMOUR'S FLAVOURED JUNKET

GLANOID CALF'S FOOT JELLY

GLANOID BEEF JUICE

A FULL RANGE OF GLANDULAR
PRODUCTS PREPARED FROM FRESH
WARM GLANDS SUPPLIED IN
AMPOULES, TABLETS, LIQUIDS
AND CAPSULES

available in Package Form
or Bulk Containers

Also PEPSIN all strengths

PEPTONE

both Bacteriological and
Commercial

ADRENALIN B.P. 1932 (Pure)

PANCREATIN U-S-P

OX GALL Inspissated
 Powdered
 Purified

BILE SALTS POWDER

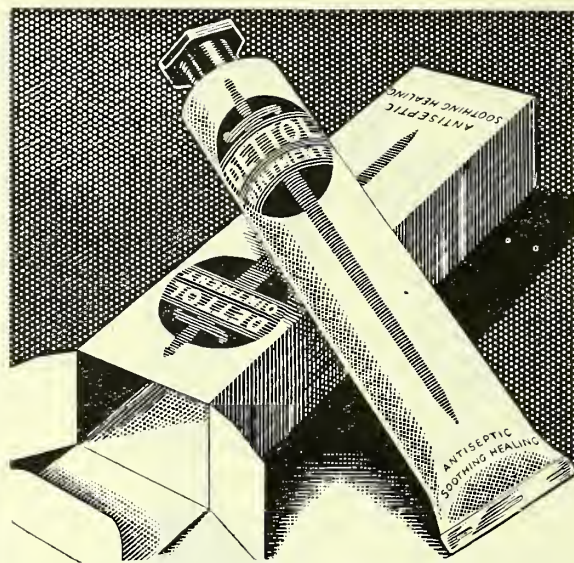
Send your enquiries to:

THE
Armour Laboratories
(ARMOUR AND COMPANY LTD.)

THORNTON HOUSE, FINSBURY SQUARE, LONDON, E.C.2

'Phone Kelvin 3661

Grams "Armosata-Phone," London



Dettol Ointment

embodies the active germicidal principle of 'Dettol'

The widest use of this new preparation is to prevent secondary infection of the skin, and to protect the surrounding skin in the presence of suppuration. Clinical reports give evidence of ample bactericidal activity and of the healing properties of the emollient base.

Packed in Tubes. Also in 1-lb. Jars for Hospital and Surgery use.

RECKITT AND SONS, HULL AND LONDON. (PHARMACEUTICAL DEPT., HULL)

"WEBSTER'S"
STAINLESS STEELWARE

Specialists in modern equipment for manufacturers i.e., Funnels, Buckets, Jugs, Mixing Containers, Measures, Percolators, Bogies, etc., etc.

Suppliers of Stainless Steel utensils, at prices which enable the user to employ them in place of other metals, as an economical proposition.

The use of Stainless Steel equipment, designed on modern principles, enables overhead costs to be reduced and makes for more convenient and better working conditions.

ISAAC WEBSTER & SONS, LTD.

ABBAY WORKS, KIRKSTALL, LEEDS, 5

Telephone: 51580 Headingley. Telegrams: Isaac Webster, Kirkstall.



A new inhaler of special interest

'METHEDRINE' BRAND INHALER

Here is a new—and better—type of inhaler for the relief of nasal congestion. Introduced in time for the winter season.

REFILLABLE! Easily re-charged.

Small and neat in design. Made in distinctive blue plastic. Easily carried in handbag or waistcoat pocket.

EASY TO USE—ready for use immediately after removing a single screw cap.

Odour of active principle masked by pleasant, mild perfume.

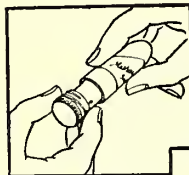
Can be quickly sterilised.

EFFICIENT — employs Methedrine, the N-methyl derivative of isomyn (Amphetamine) which is chemically allied to adrenaline and ephedrine. Rapidly relieves nasal congestion.

'METHEDRINE' INHALER *Retail Price 1/9*
(Purchase Tax 2½d. extra)

REFILL *Retail Price 1/3* (Purchase Tax 2d. extra)

Subject to Trade discount

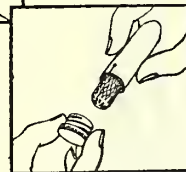


*How 'METHEDRINE'
INHALER is used
and refilled*

A single screw
cap is removed,
and the inhaler
is ready for
use.



Inhaler is re-charged by detaching the inner cone from the base and replacing the contents with a 'Methedrine' refill.



BURROUGHS WELLCOME & CO.

(THE WELLCOME FOUNDATION LTD.)

LONDON

WARRICK BROS. LTD

R. HENDRIE & CO. • ESTAB. 1760 • MADDOCKS & CO

FINE PRODUCTS FOR THE PHARMACY!

CAPSULES

Bulk, Packed and Speciality
Halibut Liver Oil
Cold Cure; Influenza
'Stankap'; Asthma; Digestive

PASTILLES

Glycerine of
Chronic

LOZENGES

Owing to shortage of raw materials we cannot always execute in full our customers' orders. This is much to be regretted in cases where for many years particular articles have been purchased from us. We wish to assure our customers that every effort is made to maintain fair and equitable distribution of our products.

TABLETS

Wash (Effervescing)
Bismuth Dyspepsia
Bismuth, Pepsin and Pancreatin
Chilblain Treatment

PHARMACEUTICALS

'Pulvellæ' and 'Chocellæ'
Olive Oil (*Warrick Freres*)
'Carbo-Absorbent'
Granules—'Stankap' and Digestive

COLD PRODUCTS

'Nostrones' (Complete Treatment)
Ephedrine Nasal Compound
Smelling Salts
Ephedrine Nasal Cream

PILE PREPARATIONS

Pellæ 8-Day Pile Treatment
Stainless Pile Ointment
Suppositories
Ointments

SEND TO—

WARRICK BROTHERS, LTD.

Telephone: CLERKENWELL 2452-3. Telegrams: WARRICKERS, NORDO-LONDON
CORRESPONDENCE FROM OVERSEAS SOLICITED

NILE STREET • LONDON

The CHEMIST AND DRUGGIST

For RETAILER — WHOLESALE — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (10 lines)

Emergency Address: THE PITMAN PRESS, LOWER BRISTOL ROAD, BATH

Telephone: Both 5492

Branch Offices

MANCHESTER - BIRMINGHAM - GLASGOW - SHEFFIELD - LEEDS - NEW YORK - AUSTRALIA - NEW ZEALAND

NEWS OF THE WEEK

Purchase Tax Liability Decision.—Plated or oxidised hollow-ware and all ware made from non-ferrous metals are chargeable with purchase tax at the full rate. Tinned, galvanised, painted, sprayed, enamelled or japanned hollow-ware of iron or steel is chargeable at the rate of 16½ per cent.

Purchase Tax Reduction of Registration Limit.—The Treasury has issued the Purchase Tax (Reduction of Registration Limit) Order, 1941 (S.R. & O., 1941, No. 1389), to come into operation on November 3, 1941. This Order provides for the reduction of the registration minimum from £2,000 to £500. Editorial comment is to be found on p. 153.

News in Pictures.—Readers who have photographs of current events connected with the trade, such as social or sporting events, presentations, or pictures recording activities in any branch of the trade, retail, wholesale or manufacturing, are invited to send them in to the Editor for consideration for publication. Standard rates of payment will be made for photographs reproduced.

Supplies of Potash Soft Soap.—The Ministry of Agriculture wishes to draw the attention of horticulturists to the fact that potash used in the preparation of soft soaps is in very short supply. Arrangements have been made for reasonable supplies of potash soft soap to be made available to manufacturers of proprietary sprays and to users of soft soaps for making up sprays for horticultural purposes, but it must be clearly understood that such supplies will be obtainable only in cases where it can be shown that alternative materials cannot satisfactorily be used.

Illuminated Signs Permitted in Shops.—During black-out, shops must not have any lights visible from outside except certain permitted dimly illuminated signs, which must be placed inside a ground-floor window or doorway, and must not be conspicuous at a distance of 100 ft. The brightness of the light must not vary, but it may be of any colour. The illuminated area of all the letters or symbols together must not exceed 144 sq. in., and all letters or symbols must be within a rectangular space not more than 3 ft. wide and 2 ft. high. No light must show except from the letters or symbols. The face of the sign must be kept vertical. One such sign is allowed for each doorway through which the public is admitted. The signs may be illuminated only while the shop is open for business, and precautions must be taken to see that no light shows from doorways when customers go in or out.

Paraffin Emulsion.—The Ministry of Health announces that an Order is to be issued immediately, the terms of which are: (1) This Order may be cited as the Paraffin Emulsion (Reduction of Liquid Paraffin) Order, 1941, and shall come into operation on the day of , 1941; (2) on and after the date of operation of the Order, no paraffin emulsion shall be manufactured containing more than 25 per cent. volume in volume of liquid paraffin. The reason for this Order is that, while the use of liquid paraffin is essential, in certain conditions it is possible to effect economy in its use. While proprietary brands of petroleum emulsion contain percentages of liquid paraffin as high as 65 per cent. by volume, the Therapeutic Requirements Committee and the National War Formulary Committee have both decided that an emulsion containing 25 per cent. of liquid paraffin is as effective as the pure oil. The National War Formulary, which is now in proof and will soon appear, includes a 25 per cent. emulsion. It will, of course, be permissible to dispose of existing stocks of emulsions containing more than 25 per cent., but in due course the Order should effect a substantial saving in the quantity of paraffin used medicinally.

No intimation is given as to the date when the Order will be issued.

Blackburn Chemists' Hours.—Blackburn Insurance Committee has passed a resolution revising chemists' closing hours, during the black-out months, to 7 p.m. on Mondays, Tuesdays, Wednesdays and Saturdays, 12.30 p.m. on Thursdays, and 8 p.m. on Fridays.

Leeds Branch of the Pharmaceutical Society.—At a meeting of the Branch at the Metropole Hotel, Leeds, on September 24, the speaker will be Mr. W. Deacon, C.B.E. (president, Pharmaceutical Society). His subject will be "Pharmacy on September 24." The meeting will open at 3 p.m.

Council Prizes Competition.—In the 1941 competition of the Pharmaceutical Society the examiners appointed by the Council have awarded the prizes as follows: Pereira medal: "Sec. Art." (John Bedford Stenlake, Penarth); Society's medal in silver: "Work hard and play hard" (George Frederick Somers, Peterborough); Society's medal in bronze: "White Heather" (Marjorie Ethel Plear, Oxford).

Business Insurance Scheme.—The Board of Trade has decided, with the approval of the Treasury, that the premium payable under the Business Scheme (War Damage Act, 1941, Part 2) for the whole year to September 30, 1942, shall not exceed 30s. per cent. For the period of six months up to March 31, 1942, the rate of premium will be 15s. per cent., which will be payable at the option of the insured either in one sum or in two instalments at 7s. 6d. per cent., each covering the quarterly periods to December 31, 1941, and March 31, 1942. The rate of premium for the subsequent six months will be determined in March next and will not exceed the limit indicated.

Officers Appointed at Manchester.—The following officers were elected at a Council meeting of the Manchester Pharmaceutical Association, held recently: *President*, Mr. E. Berry, M.Sc., Ph.C.; *Vice-presidents*, Miss I. Roberts, M.Sc., and Mr. A. E. Thorpe; *Treasurer*, Mr. G. V. Tyler; *Social Secretary*, Mr. J. H. Franklin; *Secretary*, Mr. T. Miller; *Auditor*, Mr. H. Woodhead. The executive of the Manchester and Salford Branch of the Pharmaceutical Society has appointed the following officers for the ensuing year: *Chairman*, Mr. J. H. Franklin, Ph.C.; *Vice-chairman*, Mr. H. Brindle, B.Sc., F.I.C.; *Treasurer*, Mr. G. V. Tyler; *Secretary*, Mr. T. Miller; *Auditor*, Mr. H. Woodhead.

Week-end Retreats.—The first of the series of week-end retreats arranged for this year by the pharmacy branch of the St. Joseph's Young Priests' Society is to be held at Rathfarnham Castle from October 18 to 20; twenty-five members can take part. At the second week-end retreat, to be held at the Jesuit Fathers' House of Retreats, Milltown Park, Dublin, from November 22 to 24, there will be thirty places. Those intending to take part in either of the retreats should notify in good time the secretary of the Branch (Mr. M. J. O'Rourke, M.P.S.I., 69 Upper George's Street, Dun Laoghaire).

Scottish Chemists' Bowling Association.—The winner of the trophy in the single-handed competition held recently was Mr. A. W. Calder (Ayrton, Saunders & Co., Ltd., Liverpool), who defeated Mr. J. W. Logan (W. B. Cartwright, Ltd., Leeds), in the final by twenty-one shots to seventeen. In the pairs competition for the D. & W. Gibbs, Ltd., trophy, the winners were Messrs. James McLellan (T. & H. Smith, Ltd., Glasgow), and A. W. Calder (skip), who defeated Messrs. John Menzies, M.P.S., Suntocher, and Alexander Scott, M.P.S. (Pinkerton, Gibson & Co., Ltd., Edinburgh), (skip) in the final by twelve shots up.

COMPANY NEWS

P.C. means Private Company and R.O. Registered Office

G. M. (LONDON), LTD. (P.C.).—Capital £100. Objects: To carry on business as manufacturing, research, dispensing and analytical chemists, etc. First directors to be appointed. R.O.: Vereker Buildings, Rathbone Place, London, W.1.

TIDBALL & SOPER, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of chemists, druggists, etc. Frederick N. Tidball and Mrs. Margaret Tidball, M.P.S., both of 42 Prior Deram Walk, Coventry, and Ruth Soper, M.P.S., 1 Mackie Place, Aberdeen, directors.

TOJA PRODUCTS, LTD. (P.C.).—Capital £1,000. Objects: To carry on business as soap manufacturers, manufacturing and general chemists, manufacturers of and dealers in toilet requisites, etc. The first directors are to be appointed. Solicitors: Crawley & De Reya, 112-14 Fenchurch Street, London, E.C.3.

SYNTHETICS (LONDON), LTD. (P.C.).—Capital £10,000. Objects: To carry on the investigation and synthesis of chemical, biological, vegetable and similar substances, and the business of manufacturing chemists, etc. H. A. Mumford, 236 Baker Street, London, N.W.1, first director. R.O.: Arundel Street, London, W.C.2.

H. W. MARSHALL (CHEMIST), LTD. (P.C.).—Capital £500. Objects: To acquire the business of a chemist and druggist carried on by Henry W. Marshall at 67 Westbury Avenue, Wood Green, London, N.22. H. W. Marshall, M.P.S., 114 Palmerston Road, Bowes Park, London, N.11, and Mrs. Dora Watts, 2 Elland Road, London, S.E.13, directors.

NUTRITIO, LTD. (P.C.).—Capital £9,600. Objects: To enter into an agreement with Edward Cowperthwaite, and to carry on the business of manufacturers of and dealers in alimentary, pharmaceutical, veterinary, and other preparations, etc. The first directors are to be appointed. Solicitors: Nicholson, Graham & Jones, 19 Moorgate, London, E.C.2.

ERNEST GRIFFITH & SONS, LTD. (P.C.).—Capital £1,500. Objects: To carry on the business of chemists, druggists, drysalts, workers in celluloid, bakelite, and other products, etc. Ernest Griffith and Ernest T. Griffith, both of 6 Victoria Road, Poulton-le-Fylde, and Harold Griffith, 139 Conway Road, Sale Moor, directors. R.O.: Griffon Works, Eastnor Street, Manchester.

A. F. CHATFIELD, LTD.—Capital £2,000. Objects: To acquire the business of a chemist and druggist carried on by Frank A. C. Bannister and Anne M. Cox at 62 Clemens Street, Leamington Spa. Frank A. C. Bannister, M.P.S., Kern House, Stafford Road, Bloxwich, Staffs, and Mrs. Anne M. Cox, M.P.S., 228 Broadway North, Walsall, directors. R.O. as above.

Bankruptcy.—SIDNEY ALFRED COLEGATE, 24 Hughenden Road, North, Weston-super-Mare, Somerset. A further hearing of the public examination (see *C. & D.*, August 23, p. 101) took place recently, when debtor was questioned regarding the transfer of his cosmetic manufacturing business to a limited company. The consideration for the transfer, debtor stated, was £3,000, £2,000 payable in cash and £1,000 in shares, but he had received neither cash nor shares. When his business was taken over by the company the stock was valued at more than £3,000. The examination was adjourned.

TOPICAL REFLECTIONS

The Level of Taxation.—It is generally agreed that one of the finest tonics the commerce of the nation can receive is a lessening of the burden of taxation. That being so, one implication of your editorial comment on this year's Finance Act (p. 137) may be briefly indicated. Wherever one goes, the subjects of conversation include the present stress of public financial demands. Your remark that the system of curtailing reliefs on income tax "cannot be distinguished from an annual capital levy" may be arguable by financial theorists; but it is none the less certain that the indefinite retention of a prescribed part of it by the Government has this effect. The small proprietor or shareholder will find cold comfort in such phrases as "a date as soon as may be after the termination of hostilities in the present war" and "under such conditions and at such date after the war as Parliament may determine." The Chancellor of the Exchequer seems to have applied the last turn of the screw as far as what may be called main taxation is concerned, leaving only a few oddments to be gathered up in his next budget. The position would not be so serious but for the uncertainty arising from the locking up of this money in the Treasury's war chest. It is quite impossible to plan for normal developments without the possession of something more than a misty hope of taxation being remitted in a far distant future.

War-time Formulas.—The lengthy selection on p. 133 of formulas from the New Sussex Hospital, Brighton, is worth systematic examination by compilers of other formularies. So far as it goes, it combines practicality with economy in a satisfactory degree, and the adherence to drugs in Class A of the Medical Research Council's War Memorandum No. 3 is exemplary. Your selection is of particular interest as indicating the lines on which prescribing now runs

LEGAL REPORTS

Prices of Goods Act.—At Edinburgh Sheriff Court, on September 12, Alexander McKinlay, M.P.S., Clerk Street, was fined £1 for selling saccharin tablets at a rate which exceeded the permitted price.

Pharmacy Act Prosecution.—At Thames Police Court, London, recently, Isadore Kudish, M.P.S., was summoned for selling at 115 Cannon Street Road, Stepney, a proprietary preparation containing a poison, the sale not being effected under the supervision of a registered pharmacist. He was further summoned for selling the preparation in a container not labelled in the prescribed manner. Defendant was fined £5 on each of the two summonses.

Thefts of Drugs.—At Dartford Police Court, recently, Charles J. Powell, male nurse at the L.C.C. Hospital at Joyce Green, pleaded guilty to stealing a quantity of morphine tablets and to two further charges of being in unlawful possession of dangerous drugs. He was sentenced to twelve months hard labour.—Following a court-martial at Aldershot, recently, Private M. Steiner was charged with stealing capsules and tablets of codeine, phenobarbitone and nembutal. It was stated that the drugs had been taken from the medical stores at Aldershot. Sentence of two years' imprisonment was imposed.

Orange Substitute Prosecution.—At Kingston-on-Thames on September 15, P. H. Products, Ltd., Perren Street, London, were fined £20 for selling an orange substitute, called Vit-Orange, to which a false description was applied. It was stated that the product was, according to the label, made from natural orange oil and was equal to sixteen fresh oranges in vitamin content. In fact, it contained citric acid equivalent to that of only two oranges and had no vitamin C and no sugar. It was virtually coloured water. A public analyst said that the liquid was coloured by a synthetic dye. The value of the citric acid was that it made a refreshing drink. For the defence it was said that vitamin C was put into the article, but the firm did not realise that vitamins kept in bottles for any length of time disappeared.

Alleged Cyanide Poisoning.—At the Central Criminal Court on September 15, Lionel Rupert Nathan Watson, described as a bakelite moulder, of Greenford, Middlesex, was charged with the murder of Phyllis Elizabeth Crocker and her eighteen-months-old daughter, Eileen. Defendant pleaded not guilty. It was stated that the bodies of Miss Crocker and her baby were found in a shallow grave, and it is alleged that both had died of poisoning by cyanide. It was stated that when the bodies were exhumed there was a white powder on them and that the ground surrounding them had been disinfected. Mr. G. B. McClure, for the prosecution, stated that two medical men would say that Miss Crocker and her child died of cyanide poisoning. Watson had access to and was actually seen handling sodium cyanide in the case-hardening department of the works where he was employed. At this stage the hearing was adjourned.

at a large provincial hospital. One can imagine a doctrinaire surgeon saying, "Give me two preparations, one laxative and the other sedative, and I will discard all others"; or an adherent of injection treatment offering to administer by a syringe every medicament needed. But the Brighton medical staff evidently takes a more conservative and, as I think, a more just view. The day of dispensed medicines is neither ended nor ending. Moderation in dosage is a notable feature of the medicaments issued for internal use—for example, ℥ iv. of liquor strychninae hydrochloridi, gr. ij. or gr. iij. of ammonii carbonas. No formula contains liquor arsenicalis or its acid counterpart, both of which I remember being prescribed in ten-minim doses a generation or more ago: it is quite possible that they have fallen out of the list of substances regularly ordered at the hospital.

Unusual Features.—One hardly expected to find compound tincture of camphor (which I am glad to see mentioned under its old name) diluted with anise water: to an appreciable number of patients the mixture must be nauseating, and I have known vomiting occur after taking a preparation of this type. The entry "olei" in the formulas for calamine lotion and calamine cream is presumably understood in the hospital dispensary to refer to any vegetable oil obtainable; it would have been as well to make this point clear. I am not in favour of discarding the idiomatic "quantum sufficit" for the unidiomatic "quantum sufficit": nor does the genitive "methylytis" strike a pharmacist as an improvement on the recognised "methyliati," for it would normally imply the existence of a nominative "methylyas," a neologism that would probably shock the Royal College of Physicians. These details, however, do not materially detract from the value of the collection. **Xrayser**

N.P.U. AND RETAIL TRADE

THE following extracts are taken from a memorandum prepared by the National Pharmaceutical Union and sent to the Board of Trade in reply to the department's questionnaire on the regulation of retail trade and the possible limitation of the number of retail shops, which was sent to trade associations and other representative bodies in May last (see *C. & D.*, August 16, p. 83).

General Remarks.—Pharmacy's main business is supplying ordinary medicines and maintaining the National Health Insurance service involving the dispensing of approximately 65,000,000 prescriptions annually, as well as many millions of private prescriptions. No general shortage of medicines has yet occurred, but, as in the case of foods, many items cannot now be obtained and the medicinal service is as necessary as the food service. There should be no difficulty in maintaining an adequate supply of medicines; it is possible, however, that regulations will ultimately have to be made to restrict the present supply and sale of medicines, to enable the hospitals, doctors and chemists to be in a position to meet the demands of the public health service. Pharmacy is prepared to accept responsibility for its own calling in regard to any arrangements it regards as necessary to deal with this problem in the case of those driven out of business through enemy action, etc. The process of diversion to the Services of those engaged in pharmacy is proceeding rapidly at the present time. It will be seen from the replies to the questionnaire that the number of chemists' shops cannot be reduced without seriously inconveniencing the sick public and causing a breakdown in the N.H.I. prescription service. A further important point is that the actual personnel in chemists' shops is small in number, the tendency being for the business to be personal, and those employed to be just those needed to give the service at that particular place. The fact that the law requires each shop to be in charge of a fully qualified chemist, and that all qualified men up to the age of thirty have been de-reserved, is raising a serious problem, because when the call-up is completed it seems likely that there will not be enough qualified men to keep the existing number of chemists' shops open and maintain the present public service.

It is not possible for one chemist himself to take over the business of another chemist without additional qualified or experienced staff, hence it would be better and more convenient to the public to maintain the existing number of shops, which is now not too large. There are in England and Wales 13,500 chemists' shops, and in Scotland 2,000. There are approximately 24,000 persons on the register of qualified chemists. This number includes the old and firm, those engaged in the manufacturing of medicines (supervision here is also required by law), dispensers in hospitals, and a large number of men already in the Forces. At the present time between 5,000 and 6,000 men are being considered for release for military service during the next few months.

Regulations preventing the sale by every trader of goods in which they were not dealing at the outbreak of war are needed. There are too many pirates in every trade and in every section of those trades. These men make real control difficult and usually cause artificial inflation of prices; they are the outlets for the "black market" dealers.

No Surplus of Chemists' Shops.—The replies to the questionnaire are mostly statistical. In reply to questions on whether steps should be taken to reduce the number of shops, the N.P.U. states:—

It would, in our opinion, be undesirable to take any further steps to reduce the number of chemists' shops. A sufficient reduction is being effected by economic circumstances brought about by evacuation, destruction by bombing, and closing through proprietors being called up for military service. In fact, it may well be that before many months have passed it will be seen that there are too few chemists' shops. In winter, if there is any severe epidemic, it is certain that the existing shops, with depleted staffs, will have serious difficulty in meeting the needs of the public. We are of opinion that during the war the opening of new shops should be controlled and only allowed in those cases where, owing to movement of population, a new shop is absolutely essential, otherwise there will be redundant shops to be dealt with after the war when the population falls back to normal. There was no real redundancy in pre-war days, in spite of the fact that the sale of all medicines was not confined to chemists' shops. Normally, there was no unemployed problem in pharmacy, even during periods of national trade depression. The Limitation of Supplies Orders do not effect the essential pharmaceutical business. No direct steps were taken to control the number of chemists' shops, but indirectly there is control because, by law, only a qualified chemist can be in charge of a chemist's shop, and the premises have to be registered. The control has been strengthened by making entrance conditions more severe and increasing the standards of education and qualification. There

are not too many chemists' shops, but there are too many shops "dabbling" in the sale of medicines. The questionnaire seems, to our organisation, to deal entirely with the possible elimination of retail traders (which, in the case of chemists' shops, is out of the question), using existing war conditions as the reason, and does not deal with the problem of retail distribution on the wide basis anticipated by the terms of reference. In our opinion the information desired does not provide a sound basis for dealing with post-war retail distribution.

Improvements in the present method of distributing rationed goods are necessary and should apply rationing to the manufacturer for his home trade as well as the wholesaler; the supply of any such goods, except through a pre-war trade channel of distribution in those goods, should be forbidden, and the wholesaler should be required to provide the rationed quantity of goods for retailers on his books. In this case he should be allowed to take 1939 as his normal year. Transport problems affect the manufacturing and wholesale sections of the chemist's trade most, but in that connexion it is noteworthy that war conditions have cut down deliveries to chemists to a remarkable extent, and we have no suggestions to make for further reduction of the distribution of goods to retailers. It seems to be automatically reducing itself to a minimum. There are far too many small wholesalers of drugs, medicines and druggists' sundries, and it would appear that there is scope for reducing transport problems in this direction. Delivery of goods to customers by chemists was rarely done by motorised transport, and in most cases this has been eliminated already.

Retail Distribution.—In view of the possibility that the Committee may proceed to deal with the future of retail distribution, our organisation desires to submit the following general comments on the problems of economical retail distribution, both present and future. We are of opinion that the retail distributive trades can be divided into two main classes: (a) Simple distributors. (b) Craft service distributors.

Simple distributors would include Woolworth's and similar shops, and the small general shop, as well as certain trades such as tobacconists and newsagents, where goods are simply bought and sold as received in every case. Regarding the simple distributors, in the main these give little service of any kind and employ unskilled labour almost exclusively. So far as the public is concerned, the closing of the Woolworth type store in war time would make little difference from the point of view of meeting essential public needs, because all the goods in such stores are supplied by other traders, each of whom in his own sphere has to give a wider choice and service.

Mass production of a large range of unnecessary articles in war time is a waste of the nation's effort. Further, the obvious tendency of such stores to replace mass-produced goods not now obtainable with normal merchandise is, under present conditions, having an adverse effect on the craft service distributors, by creating an artificial shortage of the goods they normally distribute. Regarding other simple distributors, such as the small general shop, this involves a social problem, because these shops exist on supplying to the poor small uneconomic quantities of goods, and it would seem that this type of shop, whilst apparently redundant in any planned system of distribution, cannot be eliminated without causing distress until poverty, the root cause of their existence, is banished.

Craft service distributors include all those traders with knowledge more or less specialised in the handling of the goods distributed, and where also service is expected, required or demanded of the trader by the public. Craft service must always be needed, and it seems clear that whatever steps are taken to curtail distributive outlets, care should be taken to conserve the craft service businesses because they are more difficult to replace and come closer to the public in the service they give. They should be protected from the changes that are taking place in the distribution of available goods during war time. The craft service distributors are in close touch with the public and add much to the amenities of life. Any elimination of this class which has for hundreds of years been so closely concerned with the life of the nation, and from which many of the larger industries of the country have been developed, would be resented by the public and would be a loss to public life locally as well as nationally. Provision should be made in any planning of distribution for the continuance of craftsmen of this type, with the incentive that they may become their own masters. The public will always expect skilled service from those who supply its personal needs, and that service cannot be given except by individuals who are personally interested in giving satisfaction. Our organisation submits that, beyond a certain point, centralised retail distribution fails to meet the real public requirements. Craft service distribution is more suitable and is more acceptable to the public.

PHARMACEUTICAL SOCIETY OF IRELAND

A MEETING of the Council of the Pharmaceutical Society of Ireland was held on September 9 at 67 Lower Mount Street, Dublin. Mr. P. C. Cahill (president) occupied the chair. Other members present were Messrs. J. Gleeson, T. C. Scott, P. Brooke-Kelly, D. W. P. Boyd, H. P. Corrigan, Sir T. Robinson, J. Duggan, B. P. Hickey, P. A. Brady, M. J. Kieran, J. V. McKeever, J. A. O'Rourke, and M. J. Parkes.

At the outset of the proceedings THE PRESIDENT said that within the past few days their Registrar (Mr. James J. Kerr) had suffered a sad bereavement in the death of his brother, Mr. Charles Edward Kerr, of Belfast. He would like to propose that the deep sympathy of the Council be extended to Mr. Kerr, and the family of the late Mr. Kerr, in their loss. MR. GLEESON seconded the vote of condolence, which was passed in silence, all members of the Council standing. MR. KERR thanked the Council for their expression of sympathy, and said he would have it conveyed to the members of his brother's family.

Scrutineers.—On the motion of MR. BRADY, seconded by THE PRESIDENT, Messrs. J. A. O'Rourke and J. V. McKeever were appointed scrutineers of the ballot for the forthcoming Council elections.

Chemists Must Comply with Subpoena.—On the question raised at the last Council meeting as to whether a pharmacist was obliged to leave his business in answer to a Court subpoena, the following letter was read from Mr. John J. Gaynor, law adviser: "I have to advise you that a subpoena issued from a Court of Law must be obeyed. It would be open to a Justice, or a Judge, service of the document having been proved, to issue a committal order against anyone who did not obey it. In practice it is usual to give reasonable notice to a witness to enable him, or her, to make arrangements, but this is a matter of courtesy. A subpoena issued from Court would override any statutory duty on a qualified chemist or druggist, and his strict position in law would be either to close his shop, or make immediate arrangements for the carrying on of his business, but the subpoena would have to be obeyed."

In the case of the Society v. Parker's Medical Hall, the law adviser reported: "There were eight summonses and the Justice found the offences proved in all cases and fined the defendant £1 on each of the three summonses under Section 17 of the Amendment Act. Total fines and costs, £14 11s."

Registration Matters.—Mrs. Murphy (*née* McCarthy) and Mrs. Liston (*née* O'Sullivan) wrote submitting marriage certificates and desiring change of names in the Register. Both applications were granted. The following who submitted matriculation certificates were granted Preliminary registration: Misses M. M. Keane, M. V. Kennelly, B. M. Quinn, J. Cahill, A. M. J. Corbett, E. M. Keane, M. M. Kennedy, N. de R. B. Martin, I. M. Naughton, M. M. Rahilly, S. M. Sullivan, and M. T. Tarpey. Messrs. D. Egan, D. O'Hare, R. J. Semple, J. E. Fox, P. P. Gray, L. V. McKeever, C. V. Martin, V. O'Connell, N. O'Maille, and K. B. M. Quinn. Applications were received with the necessary evidence from Mr. G. B. Busby to be restored to the Register of Pharmaceutical Chemists, and from Mr. J. J. Courtney to be restored to the Register of Registered Druggists. On the motion of THE PRESIDENT, seconded by MR. GLEESON, both applications were granted.

The following changes of address were notified:—Mr. J. M. Hinchy, M.P.S.I., to 9 Valentine Villas, The Lough, Cork; Mr. J. J. Hodgers, M.P.S.I., to 33 Parkgate Street, Dublin; Mr. M. Leonard, M.P.S.I., to 7 St. Peter's Terrace, Adelaide Road, Dun Laoghaire; Mr. S. Murphy, M.P.S.I., to 71 New Street, Dublin; Mr. V. Tully, M.P.S.I., to The Pharmacy, Castlereagh, co. Roscommon; Miss C. A. Burke, L.P.S.I., to Benburb Street Dispensary, Dublin; Mr. W. Corrigan, L.P.S.I., to 2 Belmont Avenue, Donnybrook, Dublin; Mr. S. J. Hudson, L.P.S.I., to 51 Cabin Hill Park, Belfast; Mr. W. Jones, L.P.S.I., to 101 Sandford Road, Ranelagh, Dublin; Mr. J. K. Murray, M.P.S.I., to 61 Phibsboro Road, Dublin; Mr. C. H. Williams, L.P.S.I., to 27 Parkgate Street, Dublin; Mr. Patrick J. Meade, assistant, to Abbeyview, Dungarvan, co. Waterford.

Protest at Bank Charges.—On consideration of the House Committee's report it was mentioned that the new increased bank charges would cost the Society £5 to £6 a half year instead of ros. 6d. Several members said they should protest against these increases.

MR. BROOKE-KELLY said protests were sent from his local Association to the head branch of each bank. The more pressure put on the banks in this matter the better.

MR. BRADY said the Irish Drug Association had sent a protest to the Government, the Chamber of Commerce and the Federation of Employers.

On the motion of MR. BRADY, seconded by MR. McKEEVER, the following resolution was unanimously adopted: "The Council of the Pharmaceutical Society of Ireland protests against the proposed increase in the bank charges. In the case of the Society it will mean an increase of approximately eleven hundred per cent. That copies of this resolution be sent to the Minister of Industry and Commerce and Directors of the Bank of Ireland."

Reports from Committees.—The reports of the Law and Certificates and Declarations committees were submitted and approved. The Examiners to the recent Licence examination reported that forty-two candidates presented themselves for the examination, of which number fifteen passed, six with honours. For the Assistants' examination twenty-six candidates presented themselves and thirteen passed. Two candidates presented themselves for the Registered Druggist examination, both of whom passed.

Deaths.—THE REGISTRAR reported on the deaths of J. P. E. Wright, M.P.S.I., C. Sweeney, Ph.C., David Anderson, Ph.C., and Julia Wrenne, assistant.

Registration of Apprentices.—THE REGISTRAR submitted to the Council the new registers which had been prepared of persons who had entered upon their apprenticeships in pharmacy. The form and manner in which the registers had been prepared elicited many tributes of appreciation from members of the Council. THE REGISTRAR informed the Council that nearly 600 apprentices had now been registered, which meant that about 150 would be coming out each year. Although notices had appeared in the trade and daily Press, and individual circular notices were sent out to persons on the register pointing out the necessity of having all apprentices registered, in default of which their time would not count, yet he had a list of twenty-three persons who had not registered their apprenticeships. He wished to know what action the Council would like him to take in the matter. Personally he was anxious not to have anyone penalised.

MR. O'ROURKE: I suggest that the Registrar take no further action, since he has gone to a great deal of trouble already to make this regulation known.

MR. PARKES agreed that no further action should be taken, but the majority of the Council were in favour of having registered letters sent to the twenty-three persons on Mr. Kerr's list, and this was agreed to on the motion of MR. BROOKE-KELLY, seconded by MR. CORRIGAN, with MR. O'ROURKE and MR. PARKES dissenting.

On the question of having physics made an obligatory subject with chemistry in the matriculation examination taken by students entering pharmacy, a letter dated July 18 was read from the Ministry of Justice intimating that the Minister had obtained the views of the Department of Education on the proposed regulation and the Minister was not prepared to approve of it. Following upon receipt of this letter THE REGISTRAR stated that he wrote to the Ministry of Justice on July 22 requesting that the Minister receive a deputation from the Council in order that they might put their views before the Minister "as the Council has very strong feelings on the necessity of the regulation in question." On July 29, the Registrar further explained, the Minister received a deputation consisting of the president, the treasurer (Mr. F. J. Fitzpatrick) and himself, when they put their views on the matter, and the Minister promised to give them his fullest consideration. On Sept. 2, the following letter had been received from the secretary to the Ministry: "I am directed by the Minister for Justice to refer to the interview which the Minister granted to a deputation from the Pharmaceutical Society of Ireland on July 29 last, and I am to inform you that the Minister has given careful consideration to the representations made by the deputation, but he regrets that he cannot see his way to approve the proposal to require candidates for the preliminary examination to pass the matriculation examination of the National University in physics."

THE PRESIDENT said that when they were received by the Minister for Justice he was very courteous and considerate, but said the matter was one for the Department of Education, and that they had advised him to reject the proposed regulation. The members of the deputation argued the matter at great length and asked the Minister to put it up again to the Department of Education, and he agreed to do so. The result of these fresh representations were set out in the letter of Sept. 2 which they had just heard read. As they still felt that physics was an essential subject for students who had to do chemistry he had now tabled a notice of motion proposing an amendment to the Preliminary Regulations under which it would be obligatory on students to pass a pre-registration examination in elementary physics in addition to the existing matriculation qualification before receiving Preliminary registration.

After discussing this motion at length, in the course of which certain changes were proposed, THE PRESIDENT, with the concurrence of the Council, withdrew the motion in order to have it brought forward, with the suggested changes, at the next Council meeting.

Membership.—MR. R. J. Sinnott was elected a member of the Society. The following were nominated for membership: Mr. J. J. Hodgers, 33 Parkgate Street, Dublin; Mr. M. Leonard, 7 St. Peter's Terrace, Adelaide Road, Dun Laoghaire; Mr. J. K. Murray, 61 Phibsboro Road, Dublin; Miss M. R. Maguire, 1 Elgin Road, Ballsbridge; Miss E. O'Hanlon, The Central Dispensary, Liberty Street, Cork; Mr. E. H. Webb, North Main Street, Wexford, and Mr. J. J. Wilson, 18 West Beach, Cobh. Mr. C. Chapman, Millbrook, Clones, co. Monaghan, was nominated as an associate druggist.

The Licence certificates of the following were signed and sealed: John F. Chambers, Patrick Crowley, Edward P. Hughes, John C. Kehoe, Theresa MacAuliffe, James F. Moan, Vincent P. O'Hara, William P. O'Sullivan, Mary J. G. Terry and J. J. Wilson.

At a meeting of the Benevolent Fund Committee held after the Council meeting four grants were passed for payment.

MR. W. LESLIE MAYSON, M.P.S., who from 1900 to 1914 was in business in Raikes Road (now Church Street), Blackpool, has been appointed mayor of Kendal for 1941-42. Mr. Mayson settled in Kendal in 1930.

MR. MAXWELL RITCHIE, who has been with House & McGeorge, Ltd., chemists, Nairobi, E. Africa, for the past thirteen years, has been appointed pharmacist and lecturer at the Kampala Hospital, Uganda. Mr. Ritchie trained in Scotland, serving his apprenticeship with Mr. J. B. Henderson, Dollar and qualified in 1922.

MR. WILLIAM C. FERGUSON, chemist and druggist, is retiring from the business at 120 Windmillhill Street, Motherwell, which he has conducted for the past forty-two years. A past-chairman of the Lanarkshire County Pharmaceutical Committee, Mr. Ferguson has acted as secretary of the Burgh Pharmaceutical Committee for a number of years.

TRADE NOTES

PHARMACY AND MEDICINES ACT EXPLAINED.—Potter & Clarke, Ltd., Artillery Lane, London, E.1, have issued as a 4-pp. leaflet a brief explanation of the Pharmacy and Medicines Act, 1941, as it affects chemists, herbalists, and drug stores. Copies may be obtained from the company.

ADDITIONAL BONUS PARCELS.—The Crookes Laboratories (British Colloids, Ltd.), Gorst Road, Park Royal, London, N.W.10, have added two further bonus parcels of halibut oil to the list previously issued. Particulars are given in the advertisement columns of this issue and in a leaflet which is being circulated to the trade.

WAR-TIME SLOGAN.—M. J. Fecher, Ltd., 492-93 Ipswich Road, Trading Estate, Slough, Bucks, have recently adopted a "V" design incorporating the words "Work and pray for it" as a war-time slogan. The device is imprinted on all communications, envelopes, wrappers, labels, tallies, etc., which leave their works.

DETTOL OINTMENT.—Embodying the active germicidal principle of Dettol, a Dettol ointment has been issued by Reckitt & Sons, Ltd. (Pharmaceutical Dept.), Hull. Clinical reports give evidence of ample bactericidal activity and of the healing properties of the emollient base. The product is packed in tubes and in 1-lb. jars.

CONCENTRATED VITAMIN FOOD.—Vimaltol, a new concentrated vitamin food issued by A. Wander, Ltd., 184 Queen's Gate, London, S.W.7, is claimed to have advantages over malt extract with cod or halibut liver oils. It contains halibut oil fortified with added vitamins (C in combination with A, B and D). Vimaltol is issued in 1-lb. and 2-lb. jars.

A NEW INHALER.—The Methedrine inhaler, recently introduced by Burroughs Wellcome & Co., is claimed to possess the advantages that it is easily re-charged, small and neat in design (distinctive blue plastic), and ready for use immediately after removing a single screw cap. The odour of the active principle (Methedrine, the N-methyl derivative of isomyn) is masked by a pleasant, mild perfume.

NO SHORTAGE.—The makers of Redoxon vitamin C (Roche Products, Ltd., Welwyn Garden City, Herts) point out that despite the fruit scarcity, which has resulted in a greatly increased demand for Redoxon vitamin C, rumours of a shortage are without foundation. Abundant supplies are available, and orders can be dispatched immediately. The product is issued in three strengths as tablets and ampoules.

SOLE AGENCIES SOUGHT.—British manufacturers are invited by Brough & Philpott (India), Ltd., 12 Rampart Row, P.O. Box 297, Bombay, India, to negotiate with them the establishment of sole agencies for India, Burma and Ceylon, on a commission basis, of proprietary articles; toilet goods of all kinds except perfumery and soap; toilet papers; safety razors and blades; combs, brushes, druggists' sundries, etc. Bank and trade references are given in an advertisement in this issue.

GLAXO PUBLICATIONS.—A copy of the September issue of "Nutrition and Therapeutics," the medical journal of Glaxo Laboratories, Ltd., has been received. All articles are contributed by medical practitioners, and the current issue deals with sulphanilamide packs in the treatment of wounds, vitamin B₁ therapy, whooping-cough dissolved vaccine, ascorbic acid, Mersagel, etc. A leaflet on artificially-acquired immunity against the common cold and a reference card tabulating the nutrients of some common foods and of Farex have also been issued recently by the company.

NEW PRICES OF PROPRIETARIES.—The prices per doz. for gross quantities of Beecham's lung syrup are 11s. 3d. and 22s. 6d., the retail prices being 1s. 4d. and 2s. 8d.—The price per doz. of the 3s. 3d. size Cicfa tablets is 27s., and of Holloway's ointment, 5s. 4d. size, 43s. 6d.—Jordan's gin pills (Allied Drug & Chemical Co.) are priced at 7s. 6d. per tin of thirty. [Corrected note.]—In addition to the sizes of Yeast-Vite tablets previously listed (C. & D. Sept. 13, p. 134), tins of twenty-four screws are available at 4s. 6d. each, for sale at 33d. per screw.

HEALING TABLETS NOT SUBJECT TO LIMITATION.—An extensive national advertising campaign will shortly commence for Snowfire brand healing tablets in two sizes. These tablets do not come within the scope of the Limitation of Supplies (Miscellaneous) Order, and can be supplied by the manufacturers and wholesalers in unrestricted quantities so far as that Order is concerned. They are intended for use in burns, scalds, cuts, chilblains, chaps, etc. Good supplies are understood to be available, but possible difficulties with raw materials, etc., make it advisable that orders should be placed without delay. An illustrated announcement by the makers (F. W. Hampshire & Co., Ltd., Sunnysdale, Derby) appears elsewhere in this issue.

Proprietary Articles Trade Association

Alterations to Protected List.—The British Drug Houses, Ltd., Eau de Mente De Dalmahoy, 3s. 7d., 30s. doz., tax 5s. doz., inclusive retail price 4s.; Ficolax, 1s. 9d., 15s. 9d., tax 2s. 7d. doz., i.r.p. 2s.; 4s. 0d., 34s. 3d. doz., tax 5s. 3d. doz., i.r.p. 4s. 6d.; Radio-Malt, 2s. 3d., 19s. doz., 4s., 34s. doz.; 7s. 6d., 64s. doz. (exempt from purchase tax).

The Castle Laboratory, Antexema and Chameleon oil, 1s. 3d., 11s. 6d. doz., tax 1s. 11d. doz., i.r.p. 1s. 5d.; 3s., 27s. doz., tax 4s. 6d. doz., i.r.p. 3s. 5d.; Antexema, 5s., 45s. doz., tax 7s. 6d. doz., i.r.p. 5s. 8d.

E.N.T. Manufacturing Co., Ltd., E.N.T. nerve capsules, 6d., 4s. 6d. doz., tax 9d. doz., i.r.p. 7d.; 1s. 4d., 12s. doz., tax 2s. doz., i.r.p. 1s. 6d.; 2s. 8d., 24s. doz., tax 4s. doz., i.r.p. 3s.; E.N.T. nerve powders, 8d., 6s. doz., tax 1s. doz., i.r.p. 9d.; 1s. 4d., 12s. doz., tax 2s. doz., i.r.p. 1s. 6d.; 2s. 8d., 24s. doz., tax 4s. doz., i.r.p. 3s.; 16s., 144s. doz., tax 24s. doz., i.r.p. 18s.; E.N.T. tonic wine, 1s. 9d., 15s. doz., tax 2s. 6d. doz., i.r.p. 1s. 11d.; 3s., 27s. doz., tax 4s. 6d. doz., i.r.p. 3s. 4d.; E.N.T. lemon barley water, 2s. 3d., 20s. 3d. doz. (exempt from purchase tax).

C. & G. Kearsley, Ltd., Kearsley's original Widow Welch's pills, 1s.,

9s. doz., tax 1s. 6d. doz., i.r.p. 1s. 1d.; 2s. 6d., 23s. doz., tax 3s. 6d. doz., i.r.p. 2s. 10d.; 2s. 6d. size supplied thirteen to doz.

Scott & Bowne, Ltd., Scott's malt and oil, 10-oz., 2s., 18s. doz.; 20-oz., 3s. 6d., 31s. 6d. doz. (exempt from purchase tax); Kemdex oxygen denture-cleanser, 1s., 9s. doz., tax 3s. doz., i.r.p. 1s. 3d.; 1s. 9d., 16s. 2d. doz., tax 5s. 4d. doz., i.r.p. 2s. 3d.

E. F. Langdale, Langdale's preparations, 1s. 2d., 11s. doz., tax 1s. 10d. doz., i.r.p. 1s. 4d.; 2s. 10d., 27s. doz., tax 4s. 6d. doz., i.r.p. 3s. 3d.; 4s. 8d., 44s. doz., tax 7s. 4d. doz., i.r.p. 5s. 4d.; 11s. 6d., 108s. doz., tax 18s. doz., i.r.p. 13s. Bonus of 10 per cent. on six doz. small size or equivalent in England, Scotland and Wales.

BIRTHS

POULTER.—On September 1, the wife of William H. Poulter, M.P.S., 18 Prince Edward Park, Belfast, of a son.

MARRIAGES

COX—COULTON.—At Kew Parish Church, London, S.W., on September 13, Sydney Charles Cox, M.P.S. (Pharmaceutical Specialities (May & Baker), Ltd.), 21 Grosvenor Road, Finchley, London, N.W.3, to Dorothy Rose Coulton, only daughter of the late Mr. H. P. Coulton, Norwich.

MACDONALD—DRYNAN.—At St. Andrew's Parish Church, Carlisle, on August 25, Captain Donald G. H. MacDonald, R.C.A.M.C., Toronto, Canada, to Mary Forgie (Mamie) Drynan, younger daughter of Mr. John F. Drynan, M.P.S., Winwood, Carlisle.

O'DONNELL—MURPHY.—At Cork, recently, Hugh O'Donnell, M.P.S.I., 52 Cabra Road, Dublin, to Lily Murphy, Spittal House, Evergreen, Cork.

RIDD—O'LEARY.—At Rathgar, Dublin, William H. F. Ridd, M.P.S.I., 31 Upper Cecil Street, Limerick, to Maureen O'Leary.

ROBERTSHAW—KITCHING.—At St. Andrew's Church, Sheffield, on September 8, Benjamin Arthur Robertshaw, M.P.S., 206 Eccleshall Road, Sheffield, 11, to Dorothy Joan Kitching.

DEATHS

AUDSLEY.—Recently, Mr. Benjamin Audsley, M.P.S., Benton Hill, Horbury, Wakefield. Mr. Audsley passed the Minor examination in 1901.

BAILEY.—Recently, Mrs. Elsie Smith Bailey (née Hubbard), M.P.S., 19 Pendyffryn Road, Rhyl. Mrs. Bailey qualified in 1925.

BAILEY.—Recently, Mr. Osmund Louis Denys Bailey, M.P.S., 2 Coast-guard Parade, Craigweil-on-Sea, Bognor Regis. Mr. Bailey passed the Minor examination in 1910.

BARR.—Recently, Mr. John Barr, M.P.S., 7 George Street, Dunfermline, aged twenty-five.

BROWN.—Recently, Mr. Richard Brockett Brown, M.P.S., 25 Byker Terrace, Walker, Newcastle-on-Tyne, aged fifty-nine.

EVANS.—Recently, Mr. Evan Emrys Evans, M.P.S., 10 Victoria Square, Aberdare, aged seventy-one.

GREEN.—At Walton-on-Thames, on September 12, Professor Arthur George Green, F.R.S., aged seventy-seven. Professor Green was formerly director of research, British Dyestuffs Corporation; and late Professor of Chemistry (Dyestuffs), University of Leeds. Educated at University College, London, he joined the staffs of Brooke, Simpson & Spiller, aniline colour manufacturers, as a research chemist. From 1894 to 1901 he was chief chemist and manager of the colour works of the Clayton Aniline Co., Manchester. He was a member of the Dyestuffs Development Committee of the Board of Trade and the Industrial Solvents Committee, and of the Medical Research Council.

HOLLIS.—Recently, Mr. Henry Hollis, chemist and druggist, Kirriemuir Pinewood Road, Guildford, aged eighty-one.

PADDOCK.—Recently, Mr. Granville Edward Paddock, M.P.S., 516 Stanley Road, Bootle, Liverpool. Mr. Paddock passed the Minor examination in 1904.

PEEBLES.—At Elgin, on September 8, Mr. David Peebles, M.P.S., 94 High Street, aged sixty-six. Mr. Peebles had been in business in the town for the past seven years. He was a native of Dundee, and was in business in Edinburgh for thirty years, and later at Castle Douglas before going to Elgin.

PENMAN.—Recently, Mr. David Russell Penman, M.P.S., 11 Treherne Road, High West Jesmond, Newcastle-on-Tyne, aged sixty.

PIDD.—At Keswick, on September 11, Mr. Leslie Stubbs Pidd, managing director of William Mather, Ltd., medical plaster manufacturers, Dyer Street, Manchester 15, aged forty-four.

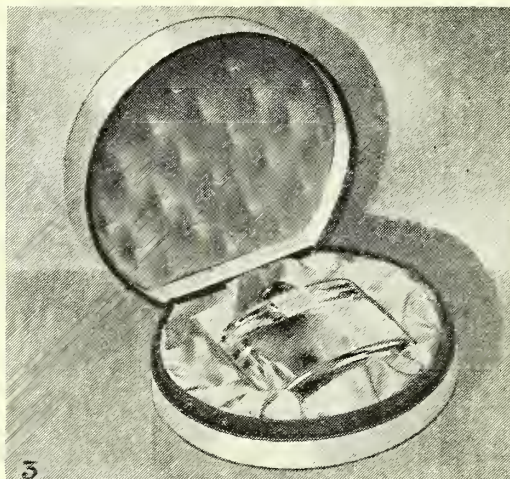
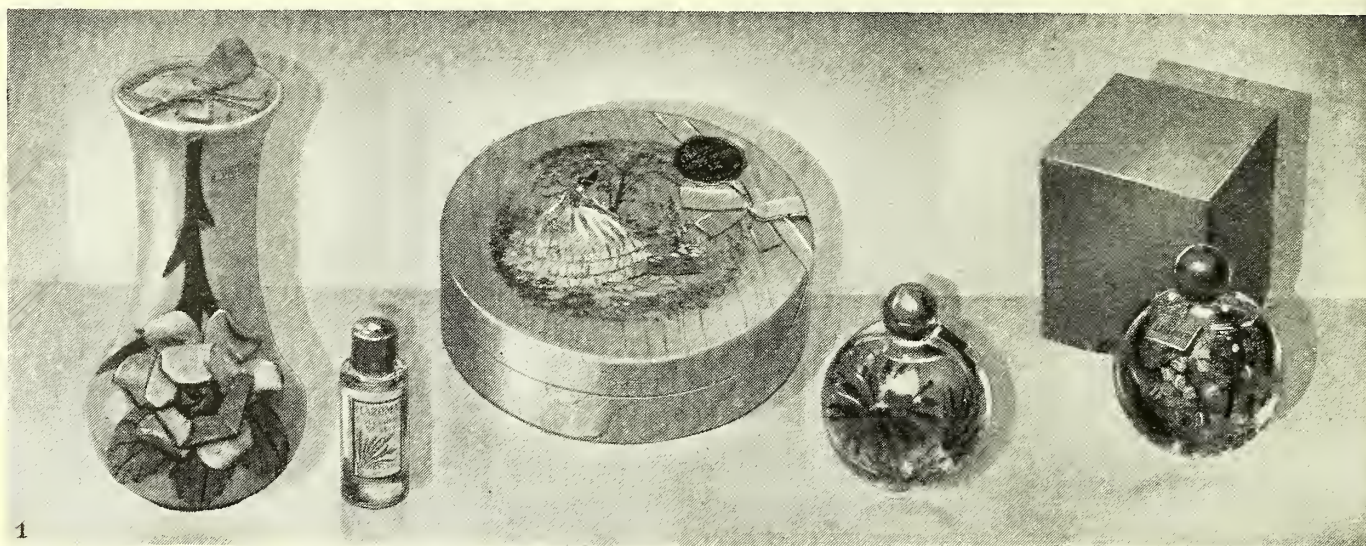
PLUMB.—Recently, Mr. Alfred Plumb, M.P.S., Grafton Street, Newmarket, aged sixty-seven.

POLLOCK.—Recently, Mr. Robert Martin Stirling Pollock, M.P.S., 328 Tolleross Road, Glasgow. Mr. Pollock qualified in 1921.

MACKIE.—At 59 East Dulwich Road, London, on August 24, Mr. James Fraser Mackie, M.B., Ch.B., chemist and druggist. Dr. Mackie, who was the younger son of the late Mr. George Mackie, chemist and druggist, of Brechin and Edinburgh, passed the Minor examination of the Pharmaceutical Society in 1913, and obtained his medical degree at Edinburgh in 1922.

MORELAND.—At Seaview, Church Road, Holywood, Belfast, recently, Mr. Andrew Moreland, who up to the time of his illness six weeks ago represented Messrs. Shaw & Jamison, Ltd., wholesale druggists, Townhall Street, Belfast.

WAR-TIME GIFT LUXURIES ILLUSTRATED



1. Perfumery items from the range of Abietsan Manufacturing Co., Ltd. 2. Floral perfumes with artificial flowers from the productions of Zenobia, Ltd. 3. Goya perfumery casket. 4. A new Coty product: Facial soap. 5. Gala series of Outdoor Girl cosmetic preparations.

CHRISTMAS TOILETRIES UNDER "LIMITATION"

ALTHOUGH the Limitation of Supplies Order and other war-time measures have placed obstacles in the way of planning any real Christmas campaign in the chemist's toilet department, the supply position is not entirely without possibilities if advantage is taken of the items illustrated in these pages. These include new introductions and exempted items. Supplies, though of course not without practical limits, are understood to be available in modest quantities for early buyers.

tions, and unlimited supplies will therefore be obtainable by chemists during the coming months.

Crystal Products Co., Ltd.—In view of the impossibility of obtaining "gift" cartons this year, the makers of Outdoor products are drawing special attention to their Gala economy range. The products, which may be bought individually, form a series which includes: (1) Gala lipstick refills (which fit most large round-type cases), in full range of nine colours. (2) Gala non-spill powder, toned to the



Perfumed flower and lavender sachet: S. Maw, Son & Sons, Ltd.

Abietsan Manufacturing Co., Ltd.—A feature of the perfumery range offered by the company this year is a series of perfumed toilet waters in hand-decorated containers incorporating the V symbol. The series is intended for export. Items offered for both export and home trade are of the usual distinctive variety and include embossed vases and hand-painted wooden drums of bath salts, hand-painted "globe" bottles of eau de Cologne and lavender water, and perfumes in the Flaroma series.

Zenobia, Ltd.—Messrs. Zenobia announce that they are still able to present their true-flower perfumes and talcum powders in the hand-painted Zen-art glass containers, and that almost the complete range of designs is available. The combination of these world-famed perfumes and powders with the dainty colourings and designings of the containers results in ideal gifts. In addition to the Zen-art gift series there are also available Zenobia perfumes, face powders, and talcum powder in "orthodox" packings. Many of the boxes are hand-aerographed in a variety of designs and colourings to impart an appropriate gift note.

Goya (distributors, D. R. COLLINS, LTD.).—No actual Christmas packages are being produced this year by the makers of Goya perfumery, but the standard package of Goya perfume illustrated on the opposite page is again available for sale, and it is suggested that this will recommend itself as a most acceptable present.

Coty (England), Ltd.—The launching of an entirely new Coty production, Coty facial soap, coincides with the advent of a new Christmas season and offers an excellent item to recommend to gift seekers. Coty facial (liquid cream) soap cleanses the skin thoroughly and quickly, without tightening it or leaving a shiny surface; it is soothing and emollient. Packed in two sizes, a 4-oz. bottle and a trial size, Coty facial soap does not come within the quota limita-

lipstick and bearing the same shade name. The patented box in which this product is presented is particularly adapted for war-time usage, since not a speck of powder can be spilled and wasted from it. There is a little hole and cork. The cork is removed, the box gently tapped on the back, and a bowl or compact filled without

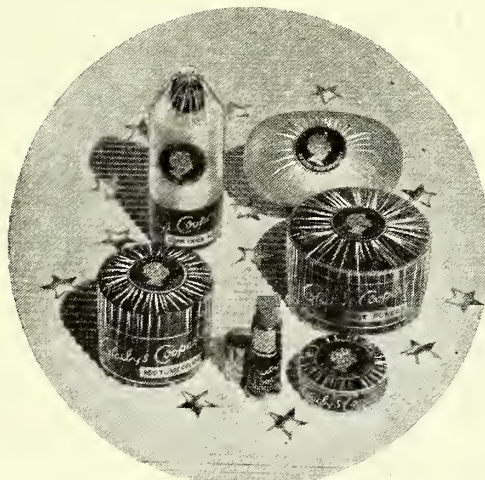
bother or mess. This device may prove invaluable when present stocks are exhausted and lidless boxes take their place. (3) Gala essential cream, which nourishes and cleanses the skin and also acts as foundation. The cream is made with pure vegetable oils and is amazingly light and "fluffy." (4) Gala powder-rouge and cosmétique, samples of which are not yet available but are expected shortly.

S. Maw, Son & Sons, Ltd.—Most of the products of the company suitable for use as gifts are subject to the Limitation of Supplies Order, but two dainty items are "in fair supply." These are delicately-coloured lavender sachets in decorated boxes, and perfumed flowers. Both are illustrated above.

Evans Sons Lescher & Webb, Ltd.—The sustained popularity of Gladys Cooper's beauty preparations in war-time and the commendations they have received from beauty writers in women's papers make them of special interest to chemists at Christmas. In addition to Gladys Cooper's blush rouge, the series covers a

fine-texture vanishing-cream, a vegetable-oil cleansing cream, a soothing complexion soap and a specially-sifted face powder, free from orris root and in four graded shades. Hair-removing mittens are a gift suggestion to meet the present stockingless vogue.

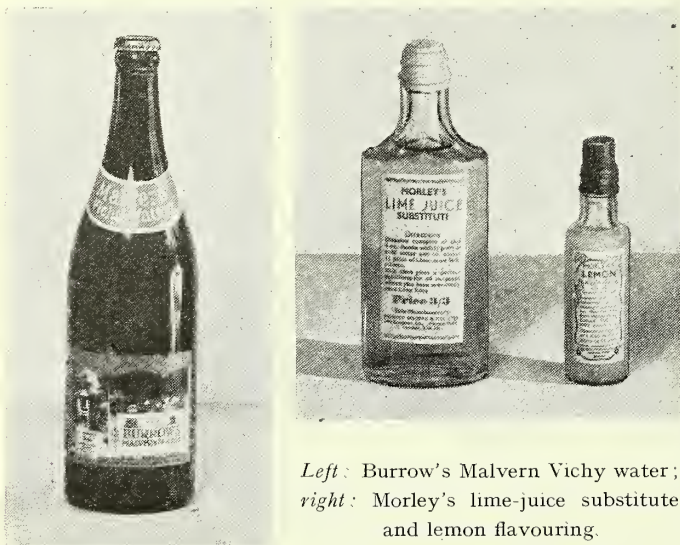
Atkinson & Erasmic, Ltd.—Production this year is being confined to Atkinson's Gold Medal eau de Cologne and to Californian Poppy perfumes. Every effort is being made to see that all customers receive the full amounts to which they are entitled under the Limitation of Supplies Order.



Gladys Cooper's series of beauty products.

TABLE WATERS AND CORDIALS

WHILE the selection of these products is not so wide as in former years, there are still a number of attractive lines available for sale by chemists. These include lemon barley waters, mineral waters and essences, particulars of which are given below.



Left: Burrow's Malvern Vichy water; right: Morley's lime-juice substitute and lemon flavouring.

MORLEY ROGERS & Co., LTD., have sent us specimens of two of their products—Morley's lime-juice substitute and Morley's lemon flavouring. The former is used for the preparation of lime juice, while the latter is intended for cooking purposes, its chief advantage being that it will not curdle milk. The lemon flavouring can also be used for making lemon barley water or lemonade.

Robinson's barley water, prepared by KEEN, ROBINSON & Co., LTD., can be obtained in three attractive flavourings, viz., lemon, lime and orange. The preparation is highly concentrated and is



Left: Meggeson's glucose lemon barley water; right: Robinson's barley water in three flavourings

used for making deliciously flavoured barley water by simply mixing with water. The product, which has as its base Robinson's patent barley, can be taken hot or cold. A refreshing drink can also be made from Robinson's lemon barley crystals. Sugar is not required, as the crystals are already sweetened.

A delicious glucose lemon barley water, made from pure fruit juice, the best barley and 10 per cent. of glucose, is supplied by MEGGESON & Co., LTD. The preparation is obtainable in one size only, and attractive display material is available.

SCHWEPES, LTD., have available Burrow's Malvern Vichy water, a water produced in England, which closely approximates to the natural water of the Vichy spring. Samples are obtainable on application.

THORNTON & ROSS, LTD., are the makers of Pennine ginger-wine essence, a three-ounce bottle of which is stated to provide the basis for no less than seven pints of ginger wine. The product is supplied in miniature "dimpled" flagons, which make an attractive appeal to the eye. Limited supplies are available.

Sulis mineral water is bottled by CATER, STOFFELL & FORTT, LTD., sole concessionaires under the Bath Corporation. This natural mineral water is bottled straight from the King's Spring. It replaces a number of waters formerly imported from the Continent.

INGRAM & ROYLE, LTD., state that supplies of Evian and Vittel waters are still available. They are also able to supply British spa waters.

DRUG CULTIVATION AT NOTTINGHAM

THE horticultural experimental grounds of Boots Pure Drug Co., Ltd., Nottingham, have been established some little time on a plot which forms part of the estate at Lenton House, Lord Trent's residence. This year five acres have been planted with drugs, and it is hoped that the area devoted to these crops next year will be doubled. The land, which consists of newly-turned turf, was ploughed for the first time in December, 1940, and planted with hyoscyamus, stramonium, belladonna, digitalis and valerian. All the crops will be used, when dried, to replace supplies formerly bought from abroad.

Belladonna

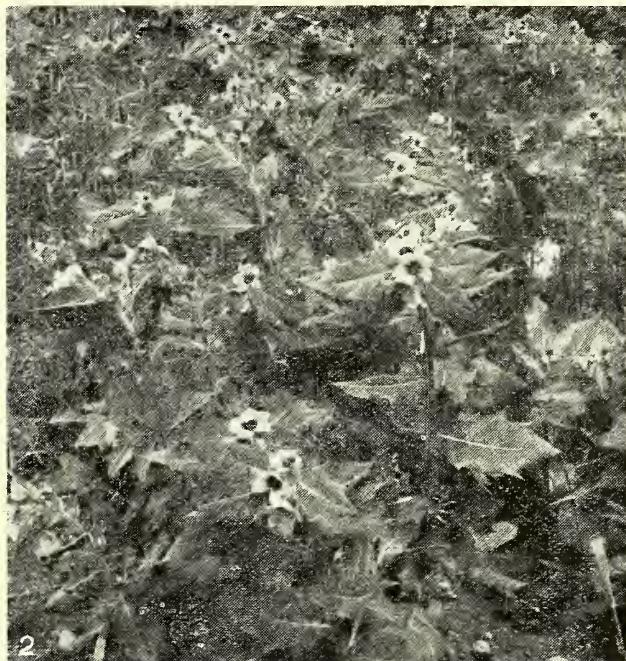
The belladonna was planted in seed boxes in cold frames and transplanted into the open in June. Pharmacy students of University College, Nottingham, collected the seeds in Derbyshire under the direction of Mr. E. E. Trease of the college pharmacy department. To suit the needs of belladonna the ground was given a good dressing of lime. The crop will be harvested in the second and third years of growth. Digitalis was drilled out of doors in May and then thinned, the seed being obtained from the United States. Although this is a biennial, flowering in the second year, the first year leaves will be used. Three hundred valerian plants were collected from Derbyshire gritstone areas and another three hundred from sandstone districts. Although valerian prefers a damp soil, and that of the Lenton House ground is dry, the crop is in excellent condition, and not a single plant has been lost. It is hoped that next year the number of plants will be increased.

Hyoscyamus

One acre was sown with hyoscyamus, and this crop, which also is in excellent condition, will probably be harvested at the beginning of August. Hyoscyamus has a tap root and cannot be transplanted, so it was sown out of doors with a planet hand drill. The whole acre of plants proved to be annuals, but an extraordinary thing happened. The same planet hand drill was then used for sowing onions, and three hyoscyamus seeds which had remained in the drill were accidentally sown among the onions. These three seeds alone gave biennial plants. The only variable factor between the acre of annuals and the three biennials seems to be that the latter, being among the onions, were more heavily manured than the former. Stramonium seed was obtained from two sources, one of which gave plants with brownish mauve stems and a bluish flower, while the other produced plants with green stems and white flowers. The alkaloid yield of both is expected to be the same. Some of these seeds were planted in seed-boxes in cold frames in April, while others were drilled out of doors and thinned. The crop is particularly good, and will probably be harvested in September.

This year's experimental sowings have proved highly satisfactory, and have demonstrated that drug growing is a practical proposition in this country when carried out under the right conditions. It should be emphasised, however, that it is not a job for every owner of a small garden, or even for every farmer. There is the difficulty of drying, and also the risk of poison to animals. Carriage charges may adversely affect the cost if the plots are a long way from the point of utilisation, and after the war foreign supplies, often sun-dried, will again be available to compete with the home-grown materials.

EXPERIMENTAL DRUG PLANTATION AT NOTTINGHAM



**Medicinal plants grown on
Lord Trent's Lenton House
Estate, Notts.**

1. Pricking out *Belladonna* seedlings.
2. *Hyoscyamus* in flower.
3. Planting out *Belladonna*.
4. *Valerian* in full growth.
5. A bed of *Stramonium*.

For all RHEUMATIC DISEASES
you can *Safely* recommend

KI-UMA
Brand

ointment & ANTIPHLOGISTIC PLASTERS

KI-UMA Pain-relieving Ointment and the Antiphlogistic Plasters have been used regularly for upwards of 10 years in the Royal National Hospital for Rheumatic Diseases, Bath. Your recommendation of these Professionally endorsed, time-proved products, will unite the Goodwill-value of "sound advice" with the immediate satisfaction of profitable turnover.

SPECIAL OFFER: For full particulars of the KI-UMA Special Introductory Offer, send a postcard to KI-UMA Ltd., 70 Circus Place, Bath.

STABILISED CHLORAMINE GERMICIDE

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Bottles 1/6 and 2/6, Gallons 15/-, Tax Extra

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MATTHEW'S LABORATORIES, LTD., CLIFTON, BRISTOL, 8



D.D.D.
Brand
PRESCRIPTION
For All **SKIN TROUBLES**

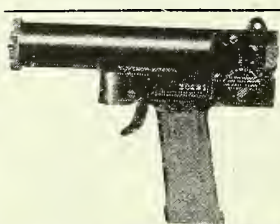
being a powerful Liquid antiseptic is ideal for First Aid Treatment of cuts, burns, scalds, scratches, and minor wounds. Consistent advertising in National Press results in consistent sales.

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Use The
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CAPTIVE BOLT PISTOL
Gives instantaneous unconsciousness—Safe, simple, clean, economical—and suitable for any sized animal. Recommended and used by the R.S.P.C.A.



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ALCOHOL
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Write for Prices
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CRODA WORKS, RAWCLIFFE BRIDGE
GOOLE
TEL. RAWCLIFFE 40-41 GRAMS. CRODA GOOLE

HOMŒOPATHIC MEDICINES
SHOWCASE AVAILABLE Terms on application

Leath & Ross Laboratory

342 Kilburn High Road, London, N.W.6.

PARLIAMENTARY NEWS

Profit Computations.—In the House of Commons on September 11, the Parliamentary Secretary to the Board of Trade (Captain Waterhouse) moved adoption of the draft of an Order removing from those charges which a trader may properly calculate in connexion with the fixing of prices and of margins, premiums or contributions paid by the trader in respect of war damage.

Protesting against the proposals, Mr. Doland regretted that the Minister did not show good reasons why such contributions should be excluded, or suggest that the Order was necessary because circumstances that had come to the knowledge of him or of those advising him indicated that these premiums would increase prices abnormally. The principal objection to the Order, he said, was that all ordinary insurance premiums were a permitted expense of a business, and the Order introduced a very dangerous precedent. The Order was adopted.

Wages in the Retail Trades.—Mr. Higgs asked the Minister of Labour on September 11 whether it was his intention to exercise the powers conferred upon him by Defence Regulation 58AA to impose fixed wages in industries or trades which were not concerned in war production and in which there was no threat of disputes between employers and employees; whether he could indicate the need for the secrecy surrounding the deliberations of the retail joint industrial councils; and whether he would give an assurance that he would make no order imposing fixed wages in retail trades to the prejudice of the interests of small and family shopkeepers without prior notice to the House of Commons.

MR. BEVIN: Regulation 58AA does not authorise me to prescribe specific rates of wages, but does empower me to establish a tribunal for the settlement of trade disputes, and to require employers to observe such terms and conditions of employment as may be determined to be, or to be not, less favourable than the recognised terms and conditions, both of which I have done by the Conditions of Employment and Arbitration Order. . . . The decisions of the retail joint industrial councils would be taken into account by the tribunal in appropriate cases arising under the Order, but are not in themselves of compulsory effect. I am not aware of any special circumstances of secrecy in connexion with the deliberations of the councils, which are voluntary bodies and regulate their own procedure. . . . The decisions of the councils are not subject to, and are not embodied in, an Order. In the case of any retail distributor before an industrial court, the standard rates of wages laid down by these councils are taken into account.

Closed on Saturdays.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. All urgent instructions relating to advertising and subscriptions should be sent to the C. & D., c/o The Pitman Press, Bath, Somerset.

THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

for RETAILER — WHOLESALE — MANUFACTURER

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Regulation of Retail Trade

THE reply of the National Pharmaceutical Union to the questionnaire sent out by the Board of Trade to all retail trade organisations (p. 145) is very much on the lines expected. The views expressed in a recent editorial on the subject (C. & D., August, 16, p. 83) are generally confirmed as a result of the Union's investigations. After emphasising the national need for an adequate health service through the medium of the chemist's shop, the peculiar characteristics of his business and the qualifications needed to carry it on, the Union's memorandum points out that even in pre-war days there was no surplus of chemists' shops. Owing to the depredations of the war, the movements of the civil population and the call-up of chemists up to the age of thirty, which will necessitate the release during the next few months for service with the Forces of some further 5,000 to 6,000 qualified men, the number of chemists' shops will be reduced to a point that makes it doubtful whether those remaining open will be able to provide an adequate health service, particularly if there should be any widespread epidemics during the coming winter. Altogether the Union has submitted a strong and reasonable case supported by facts and figures, making it abundantly clear that any compulsory limitation of retail shops that may be considered necessary by the Government should certainly not be applied to chemists' establishments.

We wholeheartedly agree with the point made in the memorandum that regulations should be issued preventing the sale by traders of goods in which they were not dealing at the outbreak of war. There are, for instance (as the Union states), "not too many chemists' shops but there are too many shops 'dabbling' in the sale of medicines." If not the root cause of much of the apparent scarcity of many classes of goods, usually those covered by the limitation of supplies, the position is aggravated by some wholesalers opening up new accounts. The quantity available is halved or more, yet the field of distribution is allowed to be widened without limit. Economically it is sheer waste of national strength, and if this phase of retail shops selling any and every class of goods, in a frantic endeavour to make up for the loss of trade in their normal goods not now available is permitted to go on the position when the war ends will be chaotic. Quite apart from the Orders issued under the Limitation of Supplies, it would not be difficult to put the house of distribution

in order from the manufacturer or importer right through to the retailer. All that would be necessary is an Order making it imperative for the manufacturer to sell his goods only to pre-war customers and for a similar direction to be issued to wholesale distributors when supplying retailers. Finally, it should be an offence for one retailer to supply another retailer in the ordinary course of trade, but he should be permitted to do so in exceptional cases, such as the supply of medicine urgently required. The object of the regulations would be to keep the respective classes of retail trade within their proper bounds, and if this was done we imagine no class of trader would benefit more than the chemist.

On the subject of the future of retail distribution the Union makes a sound distinction between what it terms "simple distributors" and "craft service distributors" and follows with some pertinent observations on the present trading encroachments of certain types of chain stores.

There is only one point on which we are not quite clear as to the view the Union intended to express to the Board of Trade. The Department's question (section D, 3 (b)) was: "Have you any suggestions for the pooling of transport to effect economy—in the delivery of goods to customers?" The Union replied, "There are far too many small wholesalers of drugs, medicines and druggists' sundries and it would appear that there is scope for reducing transport problems in this direction." If this is intended to refer to established small wholesalers, often covering large but sparsely populated areas, who have been and are still doing a genuine trade on the same lines as before the war, we regret that we cannot entirely agree with the Union's opinion. If, on the other hand, reference is made to the occasional instances of retailers-cum-wholesalers supplying goods *sub rosa* to unqualified vendors in their district, then we are in full agreement. Pooling of transport by wholesalers or manufacturers would appear to be practicable only in the larger cities.

Purchase Tax—Registered Suppliers

THE Treasury have made the Purchase Tax (Reduction of Registration Limit) Order, 1941 (S.R. & O., 1941, No. 1389), which, subject to the approval of the House of Commons, comes into operation on November 3, 1941. This Order provides for the reduction of the registration limit from £2,000 to £500. Accordingly, manufacturers of chargeable goods and persons carrying on a wholesale business in chargeable goods who have hitherto been exempt from registration will now be required to apply for registration, if the gross proceeds of their sales of chargeable goods exceed on the average £500 a year. In deciding whether this limit is exceeded manufacturing retailers should exclude any retail sales of goods not of their own manufacture. Where a person carries on two or more businesses (whether in the same or different names), liability to registration depends on the aggregate proceeds of the various businesses. Manufacturers and others concerned are advised to apply for registration as early as possible, and also to include in any future quotations for the supply of chargeable goods an addition in respect of the tax for which they may be accountable on and after November 3, 1941.

A list of the goods chargeable with purchase tax is contained in Notice No. 78 issued by the Commissioners of Customs and Excise, which together with the prescribed form of application (P.T.1) may be obtained from any officer of Customs and Excise or from the Secretaries' Office, Customs and Excise, City Gate House, Finsbury Square, London, E.C.2. Notice No. 78 (Goods chargeable with Purchase Tax), issued by the Commissioners of Customs and Excise, has been reprinted and copies of the new edition will shortly be sent to all registered traders. This supersedes Notice No. 78, dated March 1941.

The trade will no doubt take notice of the reference in the official notice to "manufacturing retailers," a term we have not noticed before in Whitehall documents and obviously intended in this instance to remind retailers that they are covered by this new Order provided their sales of goods liable to purchase tax made by them exceed £500 in a year. Actually, very few, if any, retail chemists do anything approaching this amount of trade in "own name" purchase tax goods. The reduction in the registration limit will, however, bring in a considerable number of manufacturers hitherto not covered, particularly those who have been making limited quantities of cosmetics and toilet preparations and selling them wholesale.

VACCINES AND THE COMMON COLD

AT this time of year a considerable number of people concern themselves with prophylactic measures against the common cold. Such measures include courses of vitamin preparations, ultra-violet ray treatments, dietary adjustments, and the use of various kinds of vaccines. This article is limited to a discussion of the nature of the vaccines and closely allied products used for prophylactic and curative treatments of the common cold.

Causative Factors.—Laboratory and epidemiological evidence appears to favour a filter-passing ultra-microscopic virus as being the causal agent of common cold infections, a secondary infection with pyogenic organisms usually following. Factors which play a part in causing common colds are relative susceptibility of the individual and virulence of the invading organisms, the latter virulence often being increased by passage through a susceptible subject who imparts the infection into a household and infects less susceptible members. The incidence of colds appears to be greatest in childhood, with the exception of infancy, and diminishes with advancing years. A lowering of the body resistance by chilling, especially by a draught in a hot, badly-ventilated room, mostly predisposes to cold infection.

Rationale of Vaccine Treatment.—It is extremely difficult to assess the value of the vaccine therapy of common colds, because of wide variations in susceptibility and resistance of different individuals and in the same individual at different periods. Since it appears to be established that the infective agent of a common cold is a filterable virus, it is necessary to regard some of the more sweeping claims concerning the prophylactic value of common cold vaccines with a certain amount of reserve. However, as the more serious complications, such as sinusitis, tracheitis, bronchitis, etc., are due to secondary bacterial organisms which can be incorporated into a vaccine, the use of prophylactic vaccines seems to be based on the possibility that vaccines may prevent or reduce the severity of such complications. During an attack of the common cold, one or more of the types of bacterial organisms ordinarily present in the throat are found to be greatly increased in numbers. Among such organisms are streptococci, staphylococci, pneumococci, *Micrococcus catarrhalis*, Pfeiffer's and Friedländer's bacilli and the diphtheroids. As no vaccine against the common cold infective virus is yet available, it is from these organisms that common cold vaccines are prepared. In view of the fact that there are many serological varieties of some of the latter organisms, namely, the pneumococci, hæmolytic streptococci and Pfeiffer's bacillus, the task of incorporating into a vaccine all or even the majority of such strains, in attempting to give protection against all the serological types of these organisms, would be a particularly difficult one. Consequently, some authorities stress the importance of having the organisms present in the nose and throat of a patient identified and an autogenous vaccine made from these specific organisms. This procedure is particularly advocated where a single organism is present in almost pure culture. Most manufacturers of common cold vaccines endeavour to include in their products as many different strains as is practical, while other vaccines are issued which contain organisms taken from patients suffering from common cold in different localities which are added to the stock formula. This procedure is adopted with the object of increasing the immunity of treated patients to the particular organism prevalent in the district in which they work or reside. There is a considerable variation in the composition of common cold vaccines issued by different manufacturers as regards the number and types of organisms present, but usually they contain most of the organisms referred to above. In a variety known as dissolved vaccines the bacterial cells are in solution and the total antigens are immediately available for the production of antibodies. In this case a solvent (sodium lauryl sulphate) dissolves the bacterial cells without altering their antigenic function. It appears that the solvent and the toxin molecule form a physical combination by which the toxicity of the vaccine is reduced, making high dosage possible and reducing reactions to a minimum.

Preventive Treatment.—The practice of administering a prophylactic course of injections against common colds involves the use of graded doses of vaccines, which vary according to the maker. These injections are given as a rule when the patient is susceptible, usually early in the autumn, i.e. during September or October. There is little doubt that the majority of patients expect such injections to provide them with a considerable immunity from common colds throughout the winter, but it should be appreciated that individuals vary considerably in the response they show to the treatment, and also that the benefit derived from the injections may vary appreciably in its duration. While certain individuals appear to claim immunity from colds for periods up to two years,

most advocates of the treatment recommend a course of injections at least once a year. It appears to be a common practice for doctors to advise their patients to continue the injections at monthly intervals throughout the winter. Studies have been conducted with prophylactic vaccines against common colds on large groups of individuals, such as college students, employees of industrial organisations, etc., and the results which have been recorded from time to time are useful in helping to assess the value of such treatment. Some years ago, 2,500 employees of a London concern were vaccinated against common cold, and a similar number was used as a control. At the end of the year it was found that both groups showed the same incidence of colds, but that the persons treated with the vaccine had returned to their work after their cold on the average several days sooner than the others. In another carefully-controlled study on a group of American university students similarly treated, the investigators concluded that there was no evidence that the "traditional heat-killed bacterial vaccine" used was of any value. Among some of the reasons put forward to explain why common cold vaccines do not always produce favourable results are the fact that the infective agent is a virus and the bacteria only hold a second place; furthermore, it is not certain to what extent the powers of resistance are lowered by the virus or if these differ markedly in individuals. Another important factor is that of basic immunity. A further factor is the value of the immunising substances in the vaccine, as every bacterial culture does not necessarily constitute a good vaccine. The vaccine is liable to be produced from cultures which have undergone much sub-cultivation and have thus become liable to antigenic degeneration. Still another point is the difficulty of immunising during an epidemic.

Curative Measures.—In treating persons suffering from common colds with vaccine, much smaller doses are employed than for prophylaxis, and the injection is usually made when the acute stage of the cold has passed. Subsequent doses have to be determined by the severity of the action produced by the preceding dose. Although some medical practitioners claim a certain amount of success with curative common cold vaccines in suitable cases, the popularity of such vaccines is by no means as great as those used for preventive treatment.

Combined Vaccines.—Although most manufacturers issue separate vaccines for the prophylactic treatment of colds and influenza, others offer a combined vaccine for immunising against both conditions. Such combined vaccines are very similar in composition to those issued specifically for common colds, and the results of trials of one make of combined vaccine on a group of industrial workers is of considerable interest. Persons in the inoculated group were immunised with this vaccine, and it was found that whereas 913 persons in the non-inoculated group lost 814 days from colds and influenza, the inoculated group of 950 persons lost only 558 days, showing a reduction in the number of days lost of 34.1 per cent.

Oral Treatment.—There seems to be sufficient evidence that successful prophylactic treatment of the common cold can be carried out by the administration of oral vaccines and allied products. This form of administration no doubt appeals to a number of individuals on account of its convenience, and as continued treatment can be carried out easily over some length of time. It is believed that by daily doses of oral vaccine for about two weeks a fairly rapid production of immunity is possible. After a short interval a further week's treatment is given to produce maximum immunity, and a tablet once weekly is generally advocated throughout the winter months. Oral vaccines are very similar in composition to vaccines for parenteral use, but they are very much stronger in all organisms. According to one report, among 445 persons taking vaccine orally, 399 had 1,089 (70 per cent.) less colds than usual during a year, whereas 469 controls showed a decrease of only 299 (26.3 per cent.) colds, an essential decrease of 44.7 per cent. due to the vaccine. The same report shows that statistics from more than 3,000 immunised individuals and a like number of controls indicated that those not receiving the oral vaccine had approximately four times the number of colds during an experimental year as those who had taken the oral vaccine.

Biological products which are not vaccines, but which should be referred to here, are based on the findings that the red blood cells of an immunised animal contain more immune bodies than does the serum. A sulpho-guaiaicol precipitate of whole plasma has been found to give satisfactory results in producing such immunity. This plasma precipitate is available commercially in tablets which contain, in addition, magnesium and calcium salts. During the winter of 1938-39, details were collected which appear to show that 83 per cent. of cases received complete protection for at least four months.

BIOLOGICAL TREATMENTS FOR COMMON COLDS



1. Influenza vaccine, respiratory bacterial antigens, Sharpe & Dohme, Ltd.
2. Anti-bi-san tablets, Anti-bi-san Laboratories.
3. Anti-catarrrh vaccines, Duncan, Flockhart & Co.
4. Anti-influenzal and common-cold vaccine, Antigen Laboratories.
5. Cold dissolved vaccine, Glaxo Laboratories, Ltd.
6. Sero-calcin vaccines, Harwoods Laboratories, Ltd.
7. Wellcome coryza vaccine, Burroughs Wellcome & Co.
8. Anticatarrrh vaccine, Parke, Davis & Co.
9. Common cold and Anti-catarrrh Vaccines, Evans Sons Lescher & Webb, Ltd.
10. Common cold vaccines, The British Drug Houses, Ltd.

WINTER REMEDIES

DURING the next six months chemists will experience a demand for remedies for relieving coughs, colds, influenza, rheumatism and similar ailments. Restrictions of supplies by some manufacturers of such preparations and the possibility of greater competition on the sales by retail traders other than pharmacists, is likely to result in an increase of counter prescribing and a greater sale of own-name preparations.

Influenza.—The most probable winter scourge is an influenza epidemic, particularly among those who may have to spend much of their time in air raid shelters. A recent issue of the "Journal of the American Pharmaceutical Association" states that the following are the essentials of the Cook County Hospital therapy of influenza as described by Dr. Scupham: *Prophylaxis.*—Influenza is a highly contagious disease, especially in its early stages before the illness becomes well defined. At the first signs of chills, aching pains, headache and fever the patient should be isolated in a room from which all but required furniture has been removed. Those taking care of the patient should wear masks and should wash their hands

Coughing is often a distressing symptom of influenza. Stimulating cough mixtures to raise phlegm include the following:

I		II	
Ammon. carb.	5 gm.	Ammon. chlor.	5 gm.
Aq. anisi	12 c.c.	Syr. ipecac.	15 c.c.
Syr. acaciæ	ad 60 c.c.	Syr. glycyrrhizæ	60 c.c.

Sig. 4-hourly.

Sig. 2-hourly.

Sedative cough mixtures, such as the following, may be prescribed to relieve an irritating, hacking, dry cough:

Codein. phosph.	0.5 gm.
Syr. tolu.	60 c.c.
Syr. pruni virg.	ad 120 c.c.

Sig. $\frac{1}{2}$ ex. aq. 4-tis horis.

Colds.—The symptoms of a common cold are running at the nose and eyes, dryness or soreness of the throat and a cough. These symptoms may exist separately or, more frequently, combined; often they succeed each other, beginning in the head and advancing by the throat to the chest. An excellent remedy for an incipient



Products labelled to take chemist's name: Wright, Layman & Umney, Ltd.

thoroughly with soap and water after contact. Dishes used by the patient should be sterilised by boiling. Discharges from the nose and sputum should be collected in disposable tissues, placed in a paper bag at the bedside, and the bags collected and burned at frequent intervals. *Treatment.*—The patient should remain in bed for four or five days after the fever has disappeared. The patient's room should be kept at 68° F., taking care to avoid sudden changes in room temperature which produce throat irritation and coughing. A daily fluid intake of 3,000 to 4,000 c.c. should be maintained with water, sweetened fruit juices and palatable carbonated beverages. Laxatives, if necessary, should be mild. Four drachms of liquid paraffin, 20 grains of heavy magnesium oxide or a small saline enema may be given at night. One or two drachms of aromatic liquid extract of cascara, or a glycerin suppository, may be given in the early morning. Throat irritation and soreness usually can be controlled with mild alkaline gargles such as the following: (1) Alkaline aromatic solution; (2) warm physiological salt solution; (3) two drachms of sodium chloride and one drachm of sodium bicarbonate in 1,000 c.c. of water; (4) Sodium bicarbonate 1.2 gm. in 120 c.c. of Antiseptic Solution, used half-strength; (5) sodium bicarbonate and sodium biphosphate, 1.2 gm. of each, in cinnamon water to 120 c.c.; (6) Dobell's solution.

Headache and aching pains may be relieved with either 10 grains of acetylsalicylic acid or 5 grains of phenacetin, every four hours. A combination of 5 grains of acetylsalicylic acid and 5 grains of phenacetin may be given every six hours, if preferred. Another effective combination is as follows:

Acid. acetylsalicyl.	gr. iv.
Codein. sulph.	gr. $\frac{1}{2}$
Caffein. citrat.	gr. $\frac{1}{2}$
Phenobarbiton.	gr. $\frac{1}{4}$

Sig. 4-hourly.

Nasal obstruction frequently becomes a very distressing symptom to the patient. It can be relieved by the use of a nasal spray of 2 per cent. ephedrine sulphate in physiologic solution of sodium chloride. Inhalations of steam relieve nasal and throat irritation; 15–30 drops of a 10 per cent. solution of menthol in alcohol, or 1 drachm of compound tincture of benzoin may be added to a pint of boiling water.



Products labelled to take chemist's name. Left: A. de St. Dalmas & Co., Ltd.; right: Matthews & Wilson, Ltd., and W. B. Cartwright, Ltd.

cold is liq. ammon. acet. and it may be supplied in the form of either of the following mixtures:

I		II	
Liq. ammon. acet.	$\frac{3}{4}$ ij.	Liq. ammon. acet. fort.	$\frac{3}{4}$ ij.
Sp. ammon. arom.	$\frac{3}{4}$ iv.	Spt. ætheris nit.	$\frac{3}{4}$ ij.
Aq. camphoræ	ad $\frac{3}{4}$ viij.	Aq. chlorof.	ad $\frac{3}{4}$ iv.

Sig. $\frac{3}{4}$ ss. tertia hora.

Sig. $\frac{3}{4}$ ss. pro dosi p.r.n.

Acetylsalicylic acid is valuable, not only for its antipyretic properties, but for its analgesic effect. It is useful for aborting a cold, and is often used in the early stages.

A medicinal snuff is often asked for by sufferers from colds and formulas for such a preparation are as follows:

I		II	
Menthol	gr. xv.	Bismuth. subnit.	$\frac{3}{4}$ viij.
Pulv. acid. boric.	$\frac{3}{4}$ viij.	Pulv. acaciæ	$\frac{3}{4}$ j.

Other remedies take the form of inhalants and chest rubs. The former are for sprinkling on the handkerchief and inhaling the vapour; the latter, in addition to enabling the vapour to be inhaled, have a local counter-irritant action. Representative formulas of these products are as follows:

I		II	
Menthol	5	Camphor	4
Ol. eucalypt.	5	Menthol	2.5
Ol. cajuput.	5	Ol. terebinth.	4
Ol. menth. pip.	0.5	Ol. pini pumilio.	1
Ol. lavand.	15	Ol. caryoph.	1
Alcohol isoprop.	ad 100	Oleores. capsic.	0.02
		Paraff. moll.	ad 100

Vaccine treatment for colds is the subject of an article on another page of this issue.

Coughs.—The treatment of coughs varies according to their nature. A popular form of medicament is one which has a syrup as its basis. In view of the restricted supply of sugar, glycerin and honey, it is likely that such bases will have to be changed or at any rate modified for the time being. Formulas illustrating this trend were given in the *C. & D.*, September 13, p. 133.

Rheumatism.—Salicylates are the great standby in the treatment of this complaint. They are given internally in the form of

sodium salicylate or acetylsalicylic acid and applied externally as a liniment containing methyl salicylate. Other remedies which can be given a trial in stubborn cases are antipyrine, cimicifuga, lithium salts, colchicum, turpentine and phenacetin. Sodium salicylate is usually combined with an alkali and the following formulas serve to indicate the type of prescription:

I		II	
Sod. salicyl.	gr. xv.	Sod. salicyl.	gr. xx.
Pot. bicarb.	gr. x.	Liq. ammon. acet.	℥ xx.
Pot. citrat.	gr. xv.	Tr. cinchon. co.	℥ xv.
Inf. gent. co.	ad 3ss.	Aq. chlorof. ad.	3ss.
3ss. q.q.h. ex ad.		T.d.s. a.c.	

Formulas for liniments are as follows:

I		II	
Ung. meth. sal. co.		Methyl. sal.	3ij.
Ung. capsici.		Menthol.	gr. xxv.
Ung. iod. denig. aa.	3ss.	Camphor	gr. xv.
		Lin. sap. meth.	ad 3ij.

Preparations containing capsicum and other counter-irritants are of value and act by increasing the circulation of the blood in the part to which they are applied. Menthol, with its cooling, local anæsthetic properties is also a frequent ingredient of rheumatism remedies.

Manufacturers' Products.—Many wholesale houses are in a position to supply ready-packed remedies for various ailments. In most cases such products can be obtained in an exclusive label design and often overprinted with the chemist's name and address. Among the manufacturers to whose products attention may be directed are the following:—

W. B. Cartwright, Ltd., have always specialised in the production of "own-name" remedies, a feature of these preparations being not only the smart and attractive package but sales-compelling display material which is made available with every line. War-time conditions are causing many difficulties in regard to the supply of raw materials and containers, but every effort is being made to maintain the supply of their "own-name" remedies, among which the following are quick-selling lines:—*For Coughs*: Balsam of linseed, horehound and honey; white pine cough syrup; bronchial mixture; *For Colds and Influenza*: Fenasco tablets; Quin-Sal cold-cure tablets; *For Colds and Catarrh*: Catarrh jelly; Naysol nasal balm; Nasal Fume (an inhalant); *For Rheumatism, etc.*: No. 350 rheumatic tablets; No. 350 Rheumatic ointment; Acid Quit tablets; Pixylators; *For Chilblains*: Chilblain tablets; Chilblain ointment. Other popular winter lines include capsicum or thermal wool; household embrocation; P.E. family liniment and Penetrol.



An "Evans pharmaceutical"

Evans "A" List, available on request.

H. & T. Kirby & Co., Ltd.—The company supplies an extensive range of own-name pharmaceutical products and among these may be mentioned compound syrup of white pine with tar. This can be supplied in a variety of four different own-name label designs and attractive show material is also available. The company also offers a cold and influenza mixture and an astringent gargle, both of which should interest the pharmacist who specialises in own-name products. There is every likelihood of a considerable demand for prophylactics during the coming months, and a display of astringent gargle and iodised throat lozenges should enable chemists to take full advantage of a seasonal demand. The lozenges are supplied by Messrs. Kirby packed in tins of twenty-four, and no less than five types of label design are offered. The lozenges packed in this manner are octagonal, but in addition round lozenges can be supplied in bottles of fifty, if desired.

Matthews & Wilson, Ltd.—The policy of the company since it was re-constituted in 1931 has been to supply pharmaceutical preparations, specialising in tablets and pills, to the wholesale trade only. Whilst acknowledging the fundamental importance of the retail chemist, Messrs. Matthews & Wilson consider that the interests of the trade are served better by not attempting to run

with the hare and hunt with the hounds, particularly in days of rationing and short supply. Long experience and modern plant, combined with the supervision of analytical and pharmaceutical chemists, enables any complex problem that may arise to be dealt with adequately. A wide range of coatings can be offered, including silver, and any particular colour can be matched. Hypodermic tablets, lozenges, suppositories and capsules can be supplied from stock or made to private formulas. At this time of the year, particular attention is drawn to the company's iodised throat tablets, laxative cold-cure tablets, Brodie's gout pills, chilblain tablets, cold-cure tablets, neuralgia pills, vitamin tablets, anti-anæmia capsules, cough lozenges, and the following B.P. and B.P.C. medicines: Compound Bland pills, Easton syrup tablets and pills, aspirin co. tablets, acetanilide co. tablets, formamints, phenacetin co. tablets, calcium lactate tablets and antiseptic solvella. The chemist will now look to the wholesaler to supply him with ethical own-name products, and it is here that Matthews & Wilson can be relied upon for preparations in bulk, ready for packing, or alternatively a wide



Winter specialties, W. B. Cartwright & Co., Ltd.

range of attractive and original designs for packed goods is stocked, from which a design suitable for particular requirements can be selected.

Potter & Clarke, Ltd.—Among the lines being offered by the company are Potter's asthma cure and Potter's catarrh pastilles. The former, a well-known proprietary, is still available in practically any quantity in its new-style form of pack. It is in great demand, and is the subject of national advertising. Potter's catarrh pastilles now are unstamped. The policy of the company has been to reduce the price of all previously stamped articles by the whole value of the stamp, and this price will be adhered to until increases force them to make alterations. Chemists should order stocks in good time, as deliveries are bound to be difficult during the coming winter.

A. de St. Dalmaz, Ltd.—The house of St. Dalmaz has for many years specialised in packed pharmaceutical products, and amongst the most popular are: Influenza and cold mixture; Zniff inhalant for colds; glycerin, lemon and honey with ipecacuanha; linseed, horehound and honey balsam; neuralgia mixture; antiseptic gargle; Big-Three tonic; children's tonic; cream of magnesia (B.P.); chilblain ointment. During the coming months, there is bound to be some difficulty in the production of certain mixtures, as, for example, those which contain liquorice, gentian, sugar or honey. Where it becomes necessary to modify a formula, every care will be taken to avoid interference with the active ingredients. Whenever such modification takes place a declaration to that effect will appear on the label of each bottle. As far as the efficacy of the product is concerned, it will always maintain its high standard.

Wright, Layman & Umney, Ltd.—A wide range of winter remedies is manufactured by Wright, Layman & Umney, Ltd., who supply such products with the customer's own-name on the labels. Among those to which special attention may be drawn are lemon linctus, which is packed in screw capped bow-fronted bottles and attractively labelled. Mentholated balsam, packed in a bakelite screw-capped bottle and enclosed in chocolate and yellow cartons, is a product which has proved a popular remedy for the treatment of colds, coughs and bronchial ailments. A companion line to this is creosote syrup for catarrh, the formula of which includes creosote, codeine and quinine. Another cough remedy is Garlixa, also packed in screw-capped bow-fronted bottles, but enclosed in green and mauve cartons. This preparation contains garlic, ipecacuanha and squill. Another modern remedy which should meet with a good demand at this time of year is cinnamon influenza mixture with quinine and menthol.

TRADE REPORT

Spot quotations recorded for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, September 17

BUSINESS has been moving quietly, with most of the demand coming from the home consuming trades. Prices have remained steady, except for a few items that continue to show an upward tendency. Little of interest has occurred during the week in the PHARMACEUTICAL CHEMICALS markets, and quotations are mostly steady and unchanged. A fair demand has been received for ACETANILIDE at prices as previously quoted. ASPIRIN continues to sell steadily, but supplies are rationed on a monthly basis. Supplies of BENZOIC ACID and BENZALDEHYDE remain restricted, the latter being reserved for medical purposes. The demand for GUAIACOLS has been sustained throughout the week. Supplies of METHYL SALICYLATE, in common with other salicylates, are restricted on account of the reduced availability of phenol. SULPHANILAMIDE is firm and in good demand.

Crude Drugs

A steady business in these commodities is reported, and the bulk of the orders have come, as in other markets, from the home consuming trades. The general tone of the market is steady, and stocks of some commodities are small. Demand for AGAR for general use has decreased, probably on account of the high prices now being charged. ANTIMONY is steady at the recent advance. Further supplies of Indian BELLADONNA ROOT are expected. Supplies of BENZOIN on offer appear to be not too plentiful. BUCHU is firmer, with spot prices showing a small advance. Japanese CAMPHOR remains in good inquiry, but supplies are inadequate to meet the demand. Spot stocks of CASCARA SAGRADA are gradually becoming depleted, and prices are advancing; as import licences are not being granted, the position is not likely to improve. Firm conditions obtain for CHILLIES. Zanzibar Cloves show a further rise in price. There are no shipment offers of GAMBAGE. A fair business is passing in IPECACUANHA. JABORANDI is quoted dearer on the week. LOBELIA HERB is short and dear. PIMENTO is quiet. Fair arrivals of RHUBARB are reported. SHELLAC is steady. SLIPPERY ELM BARK is dearer. WAXES are quiet.

Essential Oils

Little of interest has occurred in these markets during the past week, quotations showing little change from the previous levels. ALMOND remains in short supply. ANISE (STAR) is firm at the high prices recently recorded. The spot price of BAY has moved up a fraction. CAJUPUT is firmer. CINNAMON LEAF has been in quiet demand at steady rates. Makers of English-distilled CLOVE have advanced their prices in sympathy with the recent rise in the raw material. Prices of GERANIUM would be a matter for negotiation. Spot prices of MANDARIN would have to be negotiated. There is a good demand for British synthetic MUSTARD, and makers state that supplies are fair. PALMAROSA remains firm. There are still no offers of Chinese PEPPERMINT.

Exchange Rates on London.—The following Bank of England fixed rates remained effective at the opening on September 17: New York, 4.03 dollars; Montreal, 4.45 dollars; Lisbon, 100 escudos; Java, 7.60 florins; Buenos Aires, 17.02 paper pesos; Zurich, 17.35 francs; Stockholm, 16.90 kroner. The Shanghai rate is 3.32 d. and the Madrid rate is 40.50 pesetas (official) and 46.55 (voluntary).

Pharmaceutical Chemicals

ACETANILIDE.—Demand is on a fair scale, with prices unchanged. B.P. crystals, about 2s. 5d. per lb.; powder 1d. extra.

AMIDOPYRINE.—Dealers' prices are steady at from about 30s. upwards per lb., according to quantity.

ASPIRIN.—Market steady, with supplies available on a basis of two-thirds of previous monthly purchases. Makers' prices are as follows: Not less than 1 cwt. (28-lb. parcels), 2s. 8½d. per lb.; 28 lb. and under 1 cwt. (28-lb. parcels), 3s. 3½d.; 14 lb. and under 28 lb. (14-lb. parcels), 3s. 5d.; 7 lb. and under 14 lb. (7-lb. parcels), 3s. 6½d.; 4 lb. and under 7 lb. (4-lb. parcels), 3s. 7½d.; 1 lb. and under 4 lb. (1-lb. parcels), 3s. 10½d. per lb. Sale subject to buyer's undertaking not to re-sell any quantity at prices or terms below scale for such quantity current at time of re-sale, or, if material is converted into tablets, not to sell any number of tablets at prices or terms below scale current at time of sale.

ASPIRIN TABLETS.—Makers' prices for bulk quantities remain at previous levels: Under 5,000, 3s. 1½d.; 5,000, 2s. 11½d.; 10,000, 2s. 10½d.; 25,000, 2s. 8½d.; 50,000, 2s. 7½d.; 100,000, 2s. 6½d.; 250,000, 2s. 6d.; 500,000, 2s. 5½d.; 1,000,000, 2s. 4½d.; 2,000,000, 2s. 3½d. per 1,000.

ATROPINE.—Makers' quotations are as follows: ALKALOID, 21s. per oz.; 4 oz., 20s. 6d. and 25 oz., 20s. per oz. SULPHATE, 16s. 6d. per oz.; 4 oz., 16s.; and 25 oz., 15s. 6d. per oz. Bottles, under 5-gm. or 1-oz., corked, 3d.; stoppered, 5d.; 5-gm. to 25-gm. or 1-oz., corked, 3½d.; stoppered, 6d.; 25-gm. or 1-oz., corked, 3½d.; stoppered, 7½d.; 50-gm. or 2-oz., corked, 4d.; stoppered, 9d. each; 100-gm. and over, included in price; tubes, per 100, 5-gr., 10s. 6d.; 10-gr., 12s. 3d.; 15-gr., 14s.

BENZALDEHYDE.—Present quotations are in the region of 4s. 6d. to 5s. per lb. for practically-free-from-chlorine.

BENZOIC ACID.—Supplies continue restricted. Makers' prices are nominal at about 2s. 6d. to 2s. 9d. per lb., according to quantity.

BENZYL BENZOATE.—Available supplies are still being reserved for medical purposes. Makers' prices are nominal at about 4s. 6d. to 5s. per lb.

BISMUTH SALTS.—Makers' prices are unaltered: CARBONATE.—1 cwt., 8s. 4d.; 28 lb., 8s. 7d.; 8 lb., 10s.; 4 lb., 10s. 9d.; under 4 lb., 11s. 3d. per lb. SUBNITRATE.—1 cwt., 7s. 3d.; 28 lb., 7s. 6d.; 8 lb., 8s. 8d.; 4 lb., 9s. 5d.; under 4 lb., 9s. 11d. per lb.

BORAX (B.P.).—Makers' quotations for powder remain at £35 10s. per ton, in one-cwt. bags, carriage paid in Great Britain, for minimum one-ton lots; crystals, £35 per ton and granulated, £34 per ton. Commercial grades, £8 per ton less.

BORIC ACID.—B.P. powder is quoted by makers at £52 10s. per ton, crystals, £51 10s., and granulated, £50 10s., in one-cwt bags, carriage paid in Great Britain, for minimum one-ton lots. Commercial grades, £8 per ton less.

BROMIDES.—The following are makers' scales of prices:—

POTASSIUM	In parcels of					
	1 lb.	2 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
1 lb. and under 4 lb.	3 11	3 9½	—	—	—	—
4 lb. and under 7 lb.	3 10	3 8½	3 8½	—	—	—
7 lb. and under 14 lb.	3 9	3 7½	3 7½	3 6½	—	—
14 lb. and under 28 lb.	3 8	3 6½	3 6½	3 5½	3 5½	—
28 lb. and under 1 cwt.	3 7	3 5½	3 5½	3 4½	3 4½	3 4
1 cwt.	3 0½	2 11	2 10½	2 10½	2 10	2 9½
5 cwt.	2 11½	2 10	2 9½	2 9½	2 9	2 8½

SODIUM, 1d. per lb. extra; AMMONIUM, 3d. per lb. extra; packing extra but returnable. Net. Carriage paid in United Kingdom on minimum one-cwt. lots. Contracts over six months: each delivery against contract to be charged at schedule rates current on day of dispatch of goods. War-emergency clause and usual re-sale terms apply.

CITRATES.—Makers quote as follows: POTASSIUM, B.P., 28 lb., 2s. 5d.; 14 lb., 2s. 6½d.; 7 lb., 2s. 7½d.; 4 lb., 2s. 9½d.; under 4 lb., 3s. per lb. SODIUM, B.P., one penny per lb. below, and IRON and AMMONIUM (SCALES), B.P., threepence per lb. over above prices. Packages extra.

COCAINE.—The following are British makers' prices for wholesale bulk quantities: HYDROCHLORIDE and NITRATE, 25 oz. and over, 35s. 8d.; 16 oz. and less than 25 oz., 36s. 10d.; over 8 oz. and less than 16 oz., 38s. per oz. ALKALOID, CITRATE, and SALICYLATE, 25s. oz. and over, 39s. 1d.; 16 oz. and less than 25 oz., 40s. 4d.; over 8 oz. and less than 16 oz., 41s. 7d. per oz., 16-oz. packages free, smaller packing extra. The scale of prices applicable to distributors of smaller quantities is as follows: HYDROCHLORIDE and NITRATE, 8 oz., 40s.; 4 oz. and less than 7 oz., 40s. 7d.; 2 oz. and less than 4 oz., 41s. 6d.; 1 oz. and less than 2 oz., 42s. 7d.; ½ oz. and less than 1 oz., 44s. 2d.; ¼ oz. and less than ½ oz., 47s. 3d. per oz. ALKALOID, CITRATE and SALICYLATE, 8 oz., 43s. 5d.; 4 oz. and less than 8 oz., 44s.; 2 oz. and less than 4 oz., 44s. 11d.; 1 oz. and less than 2 oz., 46s. 2d.; ½ oz. and less than 1 oz., 47s. 9d.; ¼ oz. and less than ½ oz., 50s. 10d. per oz., packages extra. Re-sale: Sales are subject to buyer's undertaking not to re-sell any quantity below scale current at time of re-sale. Export prices vary according to destination.

CODEINE.—Makers' prices per oz. are as follows: ALKALOID, ½ oz., 43s. 3d.; 1 oz., 40s. 9d.; 2 oz., 39s. 3d.; 3 oz., 38s. 6d.; 4 oz., 38s. 3d. PHOSPHATE, ½ oz., 36s. 3d.; 1 oz., 33s. 9d.; 2 oz., 32s. 3d.; 3 oz., 31s. 6d.; 4 oz., 31s. 3d.

ETHERS (METHYLATED).—Prices per lb., for winchester quarts: 0.750, 1s. 5½d.; 0.735, 1s. 5½d.; 0.730, 1s. 5½d.; 0.725, 1s. 7½d.; 0.725 (triply rectified), 2s. 0½d.; 0.720, 1s. 8½d.; 0.717, 2s. 2½d.; 0.720 B.P. (not for anaesthesia), 1s. 10d. Larger quantities are at lower prices.

GLYCERIN.—The following are quotations for small quantities: 1-cwt. drum, 81s. per cwt.; 56-lb. tin, 89s.; 28-lb. tin, 92s.; 14-lb. tin, 95s. per cwt., all prices are subject to 2½ per cent. discount for cash in twenty-eight days.

GUAIACOL CARBONATE.—In very good demand, with value unchanged at about 12s. 6d. to 13s. per lb., according to quantity.

HEXAMINE.—Free-running crystals are quoted by dealers at about 2s. 3d. per lb.; other grades would be at lower prices.

METHYL SALICYLATE.—Makers' prices are unchanged, but supplies have been reduced as a result of the smaller quantity of phenol available. Users could assist manufacturers considerably by returning containers promptly. Prices are as follows: Five cwt., 1s. 8½d. per lb.; one cwt., 1s. 9d.; smaller quantities, in bottles, 1s. 11d. per lb.

PHENOLPHTHALEIN.—Makers' quotations are steady, as follows: Less than 7 lb., 4s. 2d.; 7 lb., 4s. 11d.; 14 lb., 4s.; 28 lb., 3s. 11d.; one cwt., 3s. 10d. per lb.

SACCHARIN.—There is no change in the Convention price of 98s. 4d. per lb. for 550 material. Prices are not officially controlled.

SALICYLIC ACID.—Makers' prices are steady, as follows: 5 cwt., 1s. 8d. per lb.; 1 cwt., 1s. 8½d.; 28 lb., 2s. 0½d., in 28 lb. parcels; 14 lb., 2s. 6½d.; 7 lb., 2s. 7½d.; 4 lb., 2s. 9½d. Can be assorted with sodium salicylate.

SANTONIN.—The following are the prices for home trade: 15 kilos and over, £46 10s.; not less than 10 kilos, £47 5s.; not less than 5 kilos, £48 5s.; less than 5 kilos, £50 per kilo, delivered free in the United Kingdom; 1-kilo packages free.

SODIUM BENZOATE.—Supplies continue poor, and prices are nominal at about 2s. 3d. to 2s. 6d. per lb.

SODIUM SALICYLATE (B.P.).—Makers' prices per lb. are as follows:

28 lb., 2s. 5d.; 14 lb., 2s. 6½d.; 7 lb., 2s. 7½d.; 4 lb., 2s. 9½d. Can be assorted with salicylic acid. Prices quoted are subject to buyer's undertaking not to re-sell at prices or terms below current scale.

STRYCHNINE.—Makers' prices per oz. are as follows: ALKALOID, 500 oz. and over, 2s. 9d.; 100 oz. and under 500 oz., 2s. 10½d.; under 100 oz., 3s. HYDROCHLORIDE, 500 oz. and over, 2s. 6½d.; 100 oz. and under 500 oz., 2s. 8d.; under 100 oz., 2s. 9½d. Wholesale distributors' prices for small quantities would be dearer.

SULPHANILAMIDE.—Values are firm at between 11s. and 11s. 6d. per lb., according to quantity.

VANILLIN.—Makers' prices are steady, but supplies are becoming rather more difficult: Ex clove oil or guaiacol, five cwt., 19s. 3d. per lb.; one cwt., 19s. 6d.; 56 lb., 19s. 9d.; less than 56 lb., 20s., carriage paid in U.K. Tins in cases returnable.

Crude Drugs

ACONITE ROOT.—The spot price of Indian root remains at approximately 1s. 7d. per lb., ex store.

AGAR.—Demand for unrestricted Kobe No. 1 material has decreased; there are still a few odd lots available on spot at about 28s. to 30s. per lb., according to holder. A small quantity is available for medicinal use at about 22s. Bacteriological, never in big demand, is selling slowly at between 17s. and 18s. per lb.

ALOES.—There are no stocks of Curaçao and no offers. Cape would be worth about 55s. per cwt. on spot.

ANTIMONY.—There has been no further rise in the price of English regulus, which remains steady at £110 per ton, delivered, for minimum 99 per cent. Foreign regulus remains at the increased price noted recently of £100 10s. per ton, duty paid. Chinese is nominal.

BALSAMS.—*Tolu*, in fair supply, is quoted at about 8s. 6d. per lb. on spot; *Copaiba*, B.P., scarce at about 5s. 9d. per lb.; *Canada*, steady at around 7s. 9d. per lb.; *Peru*, about 7s. 6d. to 7s. 9d. per lb., duty paid.

BELLADONNA.—It is understood that spot stocks of Indian root have been cleared. Further supplies are expected.

BENZOLIN.—A fair inquiry has been received and spot prices range between £7 and £8 10s. per cwt., ex store. Supplies on offer appear to be none too plentiful.

BISMUTH METAL.—A fair amount of business is being transacted in this metal at the unchanged price of one dollar 25 cents per lb., for minimum 5-cwt. lots.

BUCHU.—Finner, with spot value now in the region of 3s. 4d. to 3s. 5d. per lb. for good green rounds. The forward position is one of some difficulty, depending on the issue of import licences.

CAMPOR.—Many inquiries have again been received for Japanese, but supplies appear to be limited to a few odd cases offering at about 7s. to 7s. 9d. per lb. Some Chinese crude of about 93 per cent. is offered at 6s. per lb. English refined, steady as follows: Flowers, one cwt., 7s.; 28 lb., 7s. 3d.; less than 28 lb., 7s. 6d. per lb. Transparent tablets, ¼-oz.: one cwt., 7s. 6d.; 28 lb., 7s. 9d.; less than 28 lb., 8s. per lb.

CARDAMOMS.—Spot, Mangalore seed, if available, 5s. 3d. per lb.; Aleppy seed, 5s. 6d.; Aleppy greens, 5s. 3d.; Ceylon, 5s. 3d.

CASCARA SAGRADA.—Firm, and in fair demand, with spot stocks gradually becoming depleted and the price advancing. Spot, about 160s. per cwt., duty paid. The shipment position remains uncertain, as import licences are not being granted.

CHILLIES.—Firm conditions have prevailed throughout the week, with prices at higher levels. Spot, Zanzibar, 170s. per cwt.; Mombasa, 172s. 6d. sellers; Sierra Leone, 170s.; Sudan, 170s., duty paid.

CLOVES.—Another upward swing in prices appears to be starting, with Zanzibar now quoted on spot at 2s. 3d. per lb.; grade 2, afloat, 2s., buyers, c.i.f. Madagascar is unquoted.

COLOCYNTH.—A few odd inquiries are being received. Small supplies of fine white U.S.P. quality are still available; holders would require about 3s. 6d. to 4s. per lb.

DANDELION ROOT.—The present spot price of good clean Indian root would be in the region of 155s. per cwt.

DERRIS ROOT.—Although available supplies are not too plentiful, demand for good-testing root has been sustained. Dealers' spot prices are unchanged as follows: 4–5 per cent. rotenone, about 1s. 4d. per lb.; lower testing material about 1s. 3d. per lb.; 15–9 per cent. ether extract, tested, about 1s. 1d. per lb.; and 17–9 per cent., about 1s. 2d. per lb.

DRAGON'S BLOOD.—The spot value of fair re-boiled is unchanged at approximately £30 per cwt. Finer qualities would be dearer.

ERGOT.—Demand for Portuguese has been rather slow this week, but spot prices are maintained at about 8s. to 8s. 3d. per lb.; shipment, between 6s. 6d. and 7s. 3d. per lb., c.i.f.

GAMBÔGE.—Spot quotations are nominal at about £30 to £35 per cwt., due to shortage of supplies; there are no shipment offers.

GINGER.—Unchanged on the week. West African, spot, 175s. per cwt., buyers; afloat, 155s., c.i.f. Cochín, unwashed, spot, 175s.; afloat, 155s.

GUM ACACIA.—The shipment value of Kordofan cleaned sorts is unchanged at about 73s. per cwt., c.i.f. Spot prices are nominal in the region of 170s.

HENBANE.—It is understood that some recent arrivals have been cleared. Afloat material would be worth around 400s. per cwt., c.i.f.

IPECACUANHA.—A fair business is passing, and some good arrivals are noted. Matto Grosso, spot, about 18s. to 18s. 6d. per lb.; shipment, in

the region of 15s. 6d. per lb., c.i.f. Minas, spot, about 12s. to 12s. 3d. per lb.; shipment, about 11s. per lb., c.i.f. EXT. IPECAC. LIQ., B.P., 1932, under three winchester quarts, 26s. per lb.; three winchester quarts and under six winchester quarts, 25s. 6d.; six winchester quarts and under twelve winchester quarts, 25s.; twelve winchester quarts and over, 24s. 6d. per lb. B.P., 1914, under three winchester quarts, 24s. per lb.; three winchester quarts and under six winchester quarts, 23s. 6d.; six winchester quarts and under twelve winchester quarts, 23s.; twelve winchester quarts and over, 22s. 6d. per lb., all prices net.

JABORANDI.—Spot is quoted rather dearer this week, about 85s. to 87s. 6d. being wanted for small supplies.

KOLA NUTS.—Dealers' prices are in the region of 65s. per cwt., ex wharf.

LOBELIA HERB.—Spot business is difficult owing to shortage of supplies. Dealers' prices are nominal at about 2s. 6d. per lb.

MENTHOL.—Chinese has again attracted a considerable amount of attention and there are still sellers at around 50s. to 52s. 6d. per lb., with a few odd cases of Japanese at the higher price. The last shipment price from China was at 41s. 6d. per lb., c.i.f.

MERCURY.—Prices are subject to the Control of Mercury (No. 6) Order and range between £47 15s. and £48 15s. per bottle of 76 lb., ex warehouse.

NUTMEGS.—Firm conditions prevail. Eastern browns, 65's, 2s. 4d. per lb.; 80's, 2s. 2d.; West Indian, sound unsorted, 1s. 10d.; 80's, 2s. 2d.; 90's, 2s.; wormy and broken, 1s. 7d. nominal.

ORANGE PEEL.—Some fine-cut Maltese is available on spot at about 5s. 6d. per lb. Sweet, in ribbons, would be worth about 2s. 2d. per lb., duty paid, ex store.

PEPPERS.—Maximum spot price of whole black Lampong unpicked is 5d. per lb., in bond; whole white Muntok unpicked is 8d. per lb., in bond. For full scale of maximum prices, see *C. & D.*, September 6, p. 129.

PIMENTO.—Quiet. Spot, about 2s. 1d. per lb., sellers; shipment, new-crop, September–October, 170s. per cwt., sellers, c.i.f.

QUILLAIA BARK.—Replacement of this product is difficult, and small supplies on spot would now be worth approximately 125s. per cwt.

RHUBARB.—Arrivals have been fair, but some of the consignments are reported to be slightly wormy, probably as a result of the long voyage. Spot demand continues good, and prices are about unchanged on the week. Spot, rough-round, between 5s. 9d. to 6s. 6d. per lb., according to quality and soundness; rough-coat flat high-dried, about 6s. 9d. to 7s. per lb. Forward offers are still made, without guarantee of freight being available, at about 4s. 4½d. to 5s. per lb., c.i.f. Shensi, spot, about 8s. 9d. to 9s. per lb., according to quality.

RUBBER.—Market quiet. Official quotations for standard ribbed smoked sheet are as follows: Spot, 13½d., buyers; 13½d., sellers; shipment, September–December, 13½d., buyers; 13½d., sellers; January–March, 13½d., buyers; 13½d., sellers.

SEEDS.—ANISE.—Bulgarian, spot, duty paid, 160s., ex store Liverpool. CANARY.—Spot, nothing available. CARAWAY.—Dutch, spot, 300s. duty paid, nominal. CORIANDER.—Morocco, spot, 165s., duty paid, nominal; Indian, 155s., duty free. CUMIN.—Indian, spot, 135s., duty free, ex store Liverpool; Malta, now landing, 155s., duty free. DILL.—Indian, spot, 90s., duty free, ex warehouse Hull. FENNEL.—Indian, spot, sold at 85s., duty free, ex warehouse Hull. FENUGREEK.—Morocco, spot, quoted at 60s., duty paid, ex store Liverpool. MUSTARD.—English, 110s. to 120s., according to quality.

SENEGA.—Some recent arrivals are reported already sold. Spot would be worth approximately 5s. 9d. per lb. Shipment, sellers' licence, could probably be had at about 5s. 3d. per lb.

SENNA.—Firm and unchanged. Tinnevely, spot, supply small. No. 1 leaves, 10d. per lb.; No. 2 leaves, 6½d.; No. 3 leaves, 5d. per lb. Hand-picked Tinnevely pods, if available, about 1s. 6d. per lb.; manufacturing pods, 9d. to 10d. per lb. Alexandrian hand-picked pods, a few small lots available at 4s. to 7s. 6d. per lb.; manufacturing quality, 1s. 6d. to 1s. 9d.

SHELLAC.—Steady. Standard TN orange quoted a shade dearer on spot at 160s. per cwt., sellers; fine orange, unchanged at 175s. to 210s.; pure button, 195s. per cwt. Shipment, TN, 147s. 6d. per cwt., sellers, c.i.f.

SLIPPERY ELM BARK.—Prices show an advance, with dealers' spot prices for grinding quality now at about 1s. 3d. per lb., and for wired bundles at about 2s. 4½d. per lb.

STRAMONIUM LEAVES.—Dealers would require approximately 105s. per cwt. for Indian on spot.

TRAGACANTH.—Spot quotations for medium grades are unchanged as follows: No. 1, white, £135; No. 2, white, £125; No. 3, white, £110; pale leaf, £90; amber leaf, £65; red leaf, from £30; woody and hoggy, from £10 to £15, ex store.

TURMERIC.—Spot, Madras finger, nominal at 80s.

WAXES.—Quiet and unchanged. BEES'.—Spot, 250s.; in bond, 225s.; Dar-es-Salaam, nominal at 255s. Japanese, first three brands, spot, duty paid, 205s. CARNAUBA.—Spot, fatty grey, 435s.; chalky grey, 430s.; Primeira, 535s.

Essential and Expressed Oils

ALMOND.—In very short supply, with no quotations available.

ANISE (STAR).—Remains firm, with prices at high levels. Spot, tins in cases, about 21s. per lb.; drums, about 20s. per lb.

BAY.—Spot price has moved up a little to about 9s. to 10s. per lb.

BOIS DE ROSE.—Supplies remain very restricted, with the spot price in the region of 18s. 6d. per lb.

CANANGA.—Dealers' spot prices are nominal at about 37s. 6d. per lb.
CEDARWOOD.—The price of American remains unchanged at around 3s. 3d. to 3s. 6d. per lb., according to quantity.

CINNAMON LEAF.—In quiet demand at steady rates. Spot, about 8s. upwards per lb.

CITRONELLA.—The spot value of Ceylon remains in the region of 7s. 9d. to 8s. per lb., and of Java, about 12s. to 12s. 6d. per lb.

CLOVE.—Makers of English distilled have advanced their price to 17s. 6d. per lb., on account of the rise in the price of cloves.

EUCALYPTUS.—Steady, with values unchanged. Spot, 70 to 75 per cent., about 4s. to 4s. 6d. per lb., according to holder; 80 to 85 per cent., about 4s. 6d. to 4s. 9d. per lb.

FENNEL.—Spot price of sweet would be in the region of 25s. to 26s. per lb.

GERANIUM.—Prices of both Bourbon and Algerian oils are nominal and would be a matter for negotiation.

GROUNDNUT.—The official price of refined deodorised remains at £40 per ton, naked ex works, for large bulk quantities.

LAVENDER.—The spot value of any good-quality oil would be in the region of 85s. per lb.

LEMONGRASS.—Spot quotation is unchanged at approximately 14s. to 15s. per lb., according to quantity.

LIME.—The spot price of West Indian distilled remains at about 32s. to 34s. per lb., but supplies are restricted.

LINSEED.—Controlled price of £41 10s. per ton for large bulk quantities of crude, naked ex works, is unchanged. Distributors' prices for ordinary quantities would be higher.

MANDARIN.—Supplies are restricted, and spot prices would be a matter for negotiation.

MUSTARD (BRITISH-MADE SYNTHETIC).—Demand is good and supplies are fair. Makers' price is 18s. 6d. per lb., with quantities at lower figures.

NUTMEG.—Supplies are poor, and values are in the region of 26s. to 28s. per lb.

PALMAROSA.—Firm at about 32s. 6d. to 35s. per lb. for spot; shipment, about 21s. per lb., c.i.f.

PATCHOULI.—Good-quality oil, if available, would be worth about 55s. per lb. on spot.

PENNYROYAL.—Supplies are obtainable on spot at 25s. to 26s. per lb.

PEPPERMINT.—There are still no offers of Chinese. Spot prices remain in the region of 50s. to 52s. 6d. per lb., according to seller.

PETITGRAIN.—Spot price remains nominal at about 18s. 6d. to 20s. per lb.

ROSE.—The spot price would be a matter for negotiation, with about 200s. to 250s. per oz. as a possible basis.

SANDALWOOD.—Genuine East Indian Mysore, in one-case lots, is quoted at about 25s. per lb.

SPEARMINT.—About 22s. 6d. per lb. would be the present spot price of small supplies of American.

SPIKE.—Spot price of small quantities would be in the region of 18s. to 19s. per lb.

THYME.—High-percentage oil is offered at about 17s. per lb. on spot, with other grades at about 14s. and under, according to phenolic content.

WINTERGREEN (GENUINE).—Dealers quote spot at about 11s. 6d. to 14s. per lb.

WORMSEED.—Spot values are unaltered at around 23s. per lb.

TRADE-MARK APPLICATIONS

(From "The Trade Marks Journal," August 27, 1941)

- "HALOTHENE"; for industrial chemicals (polythenes) (1) (IV). By Imperial Chemical Industries, Ltd., Wexham Road, Slough. 614,263.
"ARCHIMODE"; for industrial chemicals (1) (IV). By J. Archibald & Co., Ltd., 66/68 Wandsworth Road, London, S.W.8. 614,731 (Associated).
"MAYSONIA"; for toilet preparations and cosmetics (3) (IV). By Comtesse Laboratories, Ltd., 28B Chatham Place, London, E.9. 614,110.
"CHILVA"; for toilet preparations and cosmetics (3) (IV). By H. Hudson, Room No. 6, Russell Chambers, Merriion Street, Leeds. 615,218.
"TENASAN"; for pharmaceutical substances (5) (IV). By The Geigy Colour Co., Ltd., National Buildings, Parsonage, Manchester. 614,921.
"THANOL"; for external applications for hemorrhoids (5) (IV). By Merz & Co., Ltd., 8 Southampton Place, London, W.C.1. 615,418.
"KAYMAX"; for stomach powders; and "FERAMON"; for iron medicines (5) (IV). By Reckitt & Colman, Ltd., Dansom Lane, Hull. 615,452/77.
"MEDITUS"; for pharmaceutical preparations (5) (IV). By Savory & Moore, Ltd., 61 Welbeck Street, London, W.1. 615,487.
"CLEERTEX"; for feeding bottles, etc. (10) (IV). By L. Woolf, Ltd., 144 Oakfield Road, Selly Oak, Birmingham, 29. 615,446.
"FINAVITE"; for a yeast and vegetable extract and for preparations for making beverages (30) (32) (IV). By Merseyside Food Products, Ltd., 51 North John Street, Liverpool. 613,579, 614,803 (Both Associated).

(From "The Trade Marks Journal," September 3, 1941)

- "R. D. DE MARIGNY"; for perfumery and cosmetics (3) (IV). By R. Desvaux & Co., 413 Fulham Palace Road, London, S.W.6. 615,465.
"DEXERMOL"; for toilet cream and cosmetics (3) (IV). By J. Briggs & Sons, Market Street, Blackley, Manchester, 9. 615,516.
"CARDOPHYLIN"; for heart medicines (5) (IV). By Whiffen & Sons, Ltd., Carnwath Road, Fulham, London, S.W.6. B613,926.

"FLEXILANT"; for india-rubber articles not included in other classes (17) (IV). By Rubber Bonders, Ltd., Watling Street, Dunstable. 614,996/7 (both Associated).

"SPLENDOR"; for waterproof sheets for cots (24) (IV). By Splendor, Ltd., 5 Beastmarket Hill, Nottingham. 614,979 (Associated).

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Sweet Almond Oil and Olive Oil Substitutes

SIR,—In THE CHEMIST AND DRUGGIST (September 13, p. 135) you have inserted a note regarding the above. The restriction only applies to the edible oil and does not include the sweet almond oil substitute or the olive oil substitute in the technical grade, $4\frac{1}{2}$ per cent.— $5\frac{1}{2}$ per cent. acidity. The following is the actual wording of the notice we received: "The Ministry of Food ask us to draw your attention to the necessity for supplying edible oils only to customers who bought from you in the year to August 31, 1939, and in proportion to their previous purchases. The Ministry attaches importance to this part of the rationing scheme, and anyone not conforming runs the risk of stoppage of supplies." Your first notice of the above oils brought us a shoal of inquiries from all quarters, many of which we have been unable to reply to for the above reasons. We can, however, still supply the sweet almond oil substitute and the technical quality of the olive oil substitute, although supplies will, of course, be in accordance with the supplies of the primary oils contained in those substitutes.

Yours faithfully,

London, E.C.3.

MORELAND & Co.

The Late Mr. F. C. Cooling

SIR,—On behalf of the members of the Birkenhead and Wirral Pharmacists' Association, I would like to record the regret felt at the loss of Mr. F. C. Cooling, Ph.C. (C. & D., September 13, p. 135), who formerly conducted business at Oxten, Birkenhead. Mr. Cooling was, until his retirement from business, an energetic worker in the Association, both before and immediately after the last war. He was our president on a number of occasions and gave some interesting addresses, particularly on the Dangerous Drugs Acts and vaccines and serums. His work for the cause was also evident when he was made the first president of the Branch of the Pharmaceutical Society on its inauguration, and as an integral part of the pharmaceutical activities which had been successfully carried on by him and others for about twenty years previously. It was during one of his terms as president that the annual ladies' night of dinner and concert was first introduced and carried on successfully until this war made it impossible. The members of Birkenhead and Wirral have reason to be grateful to Mr. Cooling for much sterling work done in the past, and expressed their appreciation by making him their first honorary life member. His passing leaves pharmacy the poorer, in Birkenhead particularly, where we shall miss him for some time to come.

Yours faithfully,

Birkenhead.

G. L. HALE.

Despotism in Pharmacy

SIR,—Your leading article under the title "Leaders at Loggerheads" in the C. & D., August 30, admits of no other interpretation but that in the Pharmacy and Medicines Act, 1941, we have a further betrayal of pharmacy. It would appear that while pharmacists were shorthanded and their attention, time and resources were taken up by co-operation in civil defence and the endeavour to carry on in business, this measure was conceived and hustled through, not only before its implications could be studied by the craft, but with scarce knowledge of its existence. I note, sir, your remarks on the thoroughness of pharmacy's organisation, but this only emphasises the completeness and deliberation of the betrayal. I have previously drawn the attention of pharmacists to the book of the late Lord Chief Justice (Lord Hewart) entitled the "New Despotism," where he points out the danger of departmental legislation of which this act is so striking an example. Only this last week-end a speaker on the B.B.C. warned his hearers that high organisation was apt to lead to despotism. Desperate situations, sir, require desperate remedies; they may be painful to some and the road protracted and hard, but the issue is clear cut if members of the Society will it. The election of members of the Pharmaceutical Council is in their hands, and the appointment of officials is the Council's concern. Examine all candidates for the Council and reject any who will not work for the rescission of this Act, and the suspension of officials who do not obey the will of the electorate. . . . To allow this Act to remain is contrary to the interests of pharmacy and public alike. Away with it.

Yours faithfully,
Birmingham.

S. C. BLORE.

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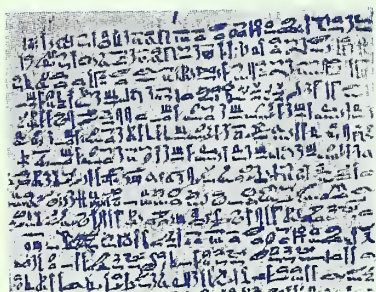
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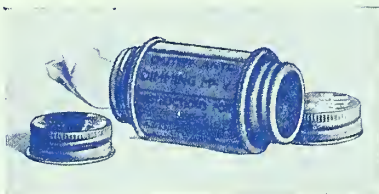
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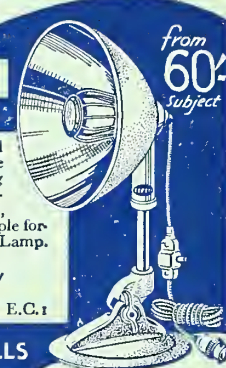
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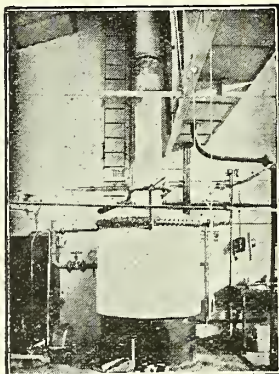
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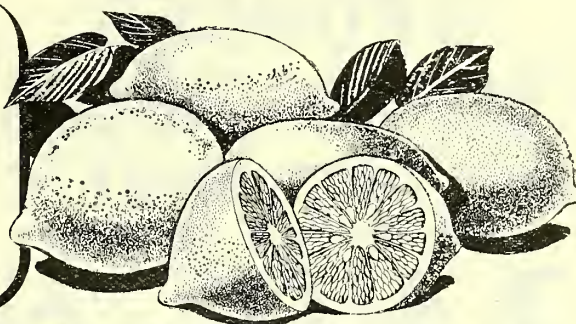
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- Guaranteed pure—replaces lemons as flavouring for all cooking purposes i.e., custards—making puddings, blancmanges, cakes, etc.
- Will NOT curdle milk.
- Add 3 or 4 drops or more according to taste.
- Morley's LEMON FLAVOURING is the perfect alternative wherever cooking recipes suggest flavouring by lemon rind only.
- This superior lemon alternative will quickly establish itself as a regular line.

★ DISPLAY MATERIAL
IS AVAILABLE.
NATIONAL ADVERTISING
now appearing will
create a demand in
your district

OTHER MORLEY ROGERS PRODUCTS:—"SEVILA" The Perfect Alternative for Oranges.
Morley's "LIMEX"—Alternative to Lime Juice

Manufactured by

MORLEY ROGERS & CO. LTD., 290 KINGSTON ROAD, MERTON PARK, LONDON, S.W.

British Made **AMPOULE FILES**
are now available

We are now in a position to manufacture
large quantities of Ampoule Files and
invite inquiries

DOMINION STEEL CORPORATION
LTD.

"FLEET" WORKS
QUEEN'S ROAD, SHEFFIELD, 2

TRADE ENQUIRIES INVITED FOR—

CARRAGEEN MOSS

ALL GRADES
INCLUDING POWDER

J. W. CUMMING & SON LTD., 5 TITHEBARN ST., LIVERPOOL 2.
Phone: BANK 4488 Grams: "CARMOSS" Liverpool



**HALIBUT
LIVER OIL
CAPSULES**

Having reserve stocks we can still supply
by return of post. No advance in price.

Boxes of 24 Capsules 9/- doz., 60, 18/- doz.,
100, 28/6 doz.

LOFTHOUSE & SALTMER LTD. HULL

TRIBASIC PHOSPHATE of SODA

FREE RUNNING WHITE POWDER

Price and sample on application to:

PERRY & HOPE LIMITED
NITSHILL - - GLASGOW



MILLAMALT *The* TONIC
MALT FOOD
With Guaranteed Complement of Vitamins A, B, C & D.
Sole Manufacturers:
JEFFREYS, MILLER & Co. Ltd. Leyland Mills, WIGAN. London Dept. 19 Brookside Road, N. 19

REDUCED 'ASPRO' PRICES TO THE PUBLIC

(from 2nd September, 1941)

3 $\frac{1}{2}$ **6 $\frac{1}{2}$** **1'3 $\frac{1}{2}$** **2'6 $\frac{1}{2}$**
(5 tablets) (10 tablets) (27 tablets) (60 tablets)

Prices to the public remain as hitherto in
Northern Ireland and Eire.

Chemist's Profit Margin Maintained FULL PROTECTION AGAINST LOSS

Consequent upon the repeal of the Medicine Stamp Duty 'ASPRO' prices to the public are reduced as from the 2nd September, 1941. The new prices, as shown above, are being carried in newspaper advertisements as soon as possible after that date. Full particulars of the new prices, showing how the chemist's profit margin is maintained, are attached by label to 'ASPRO' showboxes now going out from our premises. Every retail chemist has been fully notified by letter of the new conditions and of the steps we are taking to safeguard chemists against loss entailed by selling at the new reduced prices stock purchased at the old and higher prices. Chemists are asked to certify on the card we have sent them the amount of their stocks on hand at September 1st purchased at the old prices. Please be sure to return this certificate to us by September 15th at the latest.

Great Public Demand Anticipated!

MAKE SURE YOU CARRY ADEQUATE STOCKS

The present high level of 'ASPRO' sales makes it very clear that the autumn and winter will see a new record of public demand. We would urge you to make sure that you carry adequate stocks at all times to safeguard you against loss of sales if transport difficulties or any unforeseen causes should delay the delivery of your 'ASPRO' order for a few days.

WINDOW DISPLAY MATERIAL. Striking 'ASPRO' display material is still available to you on request but in view of the impossibility of renewing our supplies it is most important that every showcard is put to the best possible use; that is by showing it as prominently as possible and making it last as long as possible. We invite your co-operation in this respect.

Made in England by
ASPRO LTD., SLOUGH, BUCKS.

ASPRO
REG. TRADE MARK



AGENTS
REQUIRED

BRITISH MINERAL WATER

CATER, STOFFELL & FORTT LTD., SPRINGS, BATH

In South Africa and Rhodesia

The Leading Chemists are

LENNONS

They have been established in all centres of any importance for many years and offer modern facilities for manufacturing as well as for Wholesale and Retail Distribution throughout the territory.

★ If you are seeking reputable representatives or desire information about the market write to:

LENNON LIMITED

12-14 LAFONE STREET

LONDON, S.E.1

TELEPHONE · H.O.P. 0181

Important

By Government order, Benger's Food, and certain other products, in future must be packed in tins containing 8 oz. or multiples of that quantity. In compliance with this order Benger's Food will be sold in 8-oz., 1-lb. and 2-lb. sizes, when present tin stocks are exhausted. It is important to note, in the list of present and new packs given below, that there is *no increase in price*. Cost to the public and profit ratio to wholesaler and retailer are the same as at present, adjusted in exact proportion to the increase in weight

INCREASE IN
PACKING SIZES
NO INCREASE
IN PRICE

OLD PACK			NEW PACK		
PLAIN, MALT, COCOA AND MALT			PLAIN, MALT, COCOA AND MALT		
Description and Approximate Contents.	Consumer's Price each.	P.A.T.A. M.W.P. per doz.	Description and Approximate Contents.	Consumer's Price each.	P.A.T.A. M.W.P. per doz.
No. 0 size 6-oz. tin or composite board container.	1/4	12/10	No. 0 size New Government Standard. 8-oz. tin or composite board container.	1/9	16/10
No. 1 size 12-oz. tin or composite board container.	2/3	21/6	No. 1 size New Government Standard. 16-oz. tin or composite board container.	3/-	28/8
No. 2 size 1½-lb. tin.	4/-	38/6			
No. 3 size 3½-lb. tin.	8/6	81/6			
No. 4 size (Hospital) 7-lb. tin.	17/-	163/-	No. 2 size New Government Standard 2-lb. tin.	5/4	51/4



BENGER'S LIMITED
Holmes Chapel, Cheshire.

English
Filter

POSTLIP
Papers

SQUARES
CIRCLES
FOLDED
ROLLS

WHITE
GREY
PLAIN
ANTIQUE
EMBOSSED
CRINKLED

SAMPLES
FREE



Postlip Filterings are stocked by all the leading Wholesale Laboratory Dealers.

Evans, Adlard & Co Ltd
Postlip Mills, Winchcombe, Cheltenham

The Wise Chemist
always recommends
the best remedy.



*A LONDON CHEMIST:

"I am delighted to recommend Dr. Singha Tablets to my Asthma Suffering customers, as I am convinced there is no remedy to equal it."

IT WILL PAY YOU TO RECOMMEND AND SELL
DR. SINGHA ASTHMA TABLETS

The ORIGINAL
and STILL the BEST REMEDY for
ASTHMA, BRONCHIAL ASTHMA
and BREATHING DIFFICULTIES

Prices: 1/6, 3/6, 5/6, 12/6, 20/-
P.A.T.A. Terms from all Wholesale Houses.

DR SINGHA
ASTHMA TABLETS

The DR. SINGHA CO., LTD., CAERNARVON, G.B.



In the Laboratories

**QUALITY DRUGS
AND GALENICALS
DRESSINGS & PROPRIETARIES
SUNDRIES BY MAW OF LONDON**

R. SUMNER & Co. Ltd.
40, Hanover Street, Liverpool
Phone: Royal 6644

COMPOUND SYRUP OF
FELLOWS
TRADE MARK
HYPOPHOSPHITES

For "run-down" conditions, and as a Tonic during and after convalescence, Compound Syrup of Hypophosphites "FELLOWS" has the support of the Medical Profession.

Such care is devoted to the preparation of "FELLOWS", that only by making sure of the name can you be certain of the same unvarying quality.

When you are asked for a tonic, remember that "FELLOWS" has been in the forefront for more than 60 years and—it still leads.

FELLOWS MEDICAL MFG. CO., LTD.
286, St. Paul Street West,
Montreal - - - Canada

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

SEPT. 20
1941

28 ESSEX STREET, LONDON, W.C. 2

IMPORTANT TO SUPPLEMENT ADVERTISERS

Instructions for supplement advertising are now accepted in London and at Bath. London press times have been advanced to first post WEDNESDAY morning of week of issue but instructions will still be accepted up to first post THURSDAY morning if sent to Bath. Advertisements received after these times will be inserted the following week.

THIS IS THE TARIFF

AGENCIES, GOODS FOR SALE, PARTNERSHIPS, PATENTS, PREMISES TO LET, FOR SALE or WANTED

7/6 for 36 words or less, 2d. for every additional word.

Box Office Number 1/- extra.

LEGAL NOTICES, SALE BY AUCTION, TENDERS—AND ALL SPECIALLY SPACED ANNOUNCEMENTS

1/9 per nonpareil line. (12 lines = 1 inch, single column.)

Box Office Number 1/- extra.

**BUSINESSES for DISPOSAL
BUSINESSES WANTED
SITUATIONS OPEN**

7/6 for 40 words or less, 2d. for every additional word.

Box Office Number 1/- extra.

MISCELLANEOUS SECTION
(for Wholesalers, etc.), for odd and second-hand lots.

12/6 for 60 words or less, 1/- for every additional 10 words or less.
Box Office Number 1/- extra.

SITUATIONS WANTED 2/6 for 18 words or less, 1d. for every additional word. Box Office Number 1/- extra.

EXCHANGE COLUMN 2d. per word, minimum 3/- (for Retailers, etc.) Box Office Number 1/- extra.

ALL ADVERTISEMENTS MUST BE PREPAID. To avoid disappointment send your instructions as early in the week as possible to **THE CHEMIST AND DRUGGIST, THE PITMAN PRESS, BATH** or to London Office at 28 Essex Street, Strand, London, W.C.2

OPTICAL TUITION

FOR THE
S.M.C., B.O.A., and N.A.O. DIPLOMA Examinations
Particulars—

C.A. SCURR, F.S.M.O., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.

50 HIGH STREET, BARNET, LONDON, N.

ASPIRIN GRANULES B.P. WANTED

Regular deliveries required in quantities
up to 1 Ton per week

FOR SPOT CASH

Write in confidence in first instance to
MR. LEWIS

**46 ARKWRIGHT ROAD
LONDON, N.W.3**

Telephone No. Hampstead 1958

PUBLIC NOTICE

**WILLINGTON QUAY CO-OPERATIVE
SOCIETY LIMITED**

Our Drug Department situated at Carlisle Street is no longer under the supervision of a Qualified Chemist.

Will makers of CF lines and others please note.

SITUATIONS OPEN

RETAIL (HOME)

WORKS.—West Riding, Qualified or Unqualified Assistant required, used to N.H.I. dispensing and quick Counter trade; no Sunday or holiday duty; permanency; full particulars, references, etc. Applications not answered in seven days respectfully declined. CDB/737, London Office of this Paper.

A GOOD post is offered to experienced unqualified Lady Assistant (20 to 25), chiefly for Counter duties. Must have had previous experience in good-class Pharmacy. Particulars of salary required to B. Salter & Son, 34 Castle Street, Shrewsbury.

QUALIFIED Branch Managers wanted for permanent positions in London. Good prospects. Apply 386/198, London Office of this Paper.

QUALIFIED Chemists. Two required immediately. One for Branch Management and one for Wholesale and Branch relief. Both over thirty or otherwise exempt military service. Congenial N. Wales area. Usual particulars, stating salary, etc., to L. Rowland & Co., Ltd., Mitre Buildings, Brook Street, Wrexham, N. Wales.

QUALIFIED Manager required, male or female, for good-class chemist's shop in safe area. Permanent and progressive position. CDB/726, London Office of this Paper.

WANTED. Qualified Manager for Agricultural Business. Live on Premises. Early September. 386/194, London Office of this Paper.

WANTED, experienced gentlemanly Assistant, principally Counter work. Pharmacy in the Midlands. Permanency for suitable man. Enclose full particulars, salary required, photo if convenient. CDB/743, London Office of this Paper.

YORK Co-operative Society, Ltd., 22 Railway Street, York.
Pharmacy Department.—Wanted, Qualified Lady Assistant for quick Counter trade and Dispensing. Apply by letter to General Manager, giving full particulars. Envelope to be endorsed "Pharmacy."

(continued overleaf)

SITUATIONS OPEN—contd.**(RETAIL (HOME))**

CAPABLE Assistant required immediately, mainly for Dispensing, qualified or unqualified. Apply with full details of experience, together with snap (returnable) to Blackmore, 15 Queens Avenue, Dorchester, Dorset.

LADY Assistant (unqualified) wanted for Dispensing and Counter. Apply, giving usual particulars, to H. S. Jarvis (Croydon), Ltd., 89/91 Whitehorse Road, Croydon, Surrey.

LONDON Co-operative Society, Ltd., require several Qualified Pharmacists for responsible positions, mainly in the outer suburbs of the London area. Applications in first instance to Pharmacy Manager, 24 Martin Street, Stratford, London, E.15.

MANAGER required for the duration of war. Apply giving full particulars and salary required to F.S.B., c/o A. E. Hobbs, Ltd., 72 Mount Pleasant, Tunbridge Wells.

QUALIFIED Assistant required for good class Dispensing Business South Devon. Full particulars, stating age and salary to 388/263, London Office of this Paper. Applicants not answered in seven days thanked and regretted not successful.

QUALIFIED (exempt military service). State experience, wages required, etc. Tupholme, 239, Old Brompton Road, London, S.W.5.

QUALIFIED Manager wanted. West End of London. Permanent, comfortable post. Suit elderly pharmacist. Write 388/266, London Office of this Paper.

UNQUALIFIED Junior Assistant, preferably male, used to good class dispensing and general retail. Apply with full particulars, age, experience, salary required, giving references, Smalleys, Chemists, 6 & 8 Carr Street, Ipswich.

WHOLESALE

Firm of Manufacturing Chemists in Northern City have a vacancy for a practical and reliable Works Manager, preferably B.Sc., M.P.S. Experience in the Manufacture and supervision of Galenicals, especially Tablet Manufacture. The salary offered is £350 per annum, with additional increments later if satisfactory service is given. CDB/742, London Office of this Paper.

ASSISTANT laboratory Chemist required for manufacture of Cosmetic and Toilet Preparations. Apply stating experience, qualifications (if any) and salary required, in strictest confidence, to Northam Warren, Ltd., 615/617 Trading Estate, Bath Road, Slough, Bucks.

CHEMICAL Process Worker wanted by well-known manufacturing chemists in Euston district London. Write full particulars, experience, age, wages required. Unqualified Pharmacist would be considered. 388/260, London Office of this Paper.

INVOICE Clerk required for London Wholesale Druggists. Write, stating experience, etc., 365/381, London Office of this Paper.

MANUFACTURING Chemists require qualified bulk dispenser (female) for general Pharmaceuticals, Bolton area. Full particulars and salary required first letter please. 388/258, London Office of this Paper.

OLD-established firm of Manufacturing Chemists require Warehouse Manager to take charge of packing department. Knowledge of export trade essential. Apply, giving full particulars, qualifications, age, experience, and salary required, to 387/241, London Office of this Paper.

TABLET Maker wanted, exempt military service; experience all processes tablet manufacture. Write, in first instance, giving age, experience, and wages required, H. H. F., Hirst Brooke & Hirst, Ltd., Leeds.

WAREHOUSEMEN and Porters wanted by City firm of Manufacturing Chemists. Write, stating age, experience, etc., to 388/261, London Office of this Paper.

BUSINESSES FOR DISPOSAL

OLD established Drug Store and Chemists' business in West Riding industrial urban area; Wine and Spirit licence; National Health Insurance panel; premises on sale or lease; ill health cause of sale; audited accounts available. Write Wilfrid Dunn & Connell, Solicitors, Bradford.

SITUATIONS WANTED**(RETAIL (HOME))**

DISENGAGED, Unqualified elderly Chemist; quick, capable Dispenser and Counter Hand. Arding, 4 Agnes Grove, Colwyn Bay.

M.P.S. 37, desires Managership with view to succession or Partnership; specially experienced in Pathology; complete pathological equipment and limited capital available. Anywhere, Country. Olding, 252 High Street, Aldershot.

UNQUALIFIED, 50, many years manager, desires position, Locum or permanent. Please state hours and salary. London district preferred. CDB/746, London Office of this Paper.

UNQUALIFIED, exempt, experienced, reliable; 33; country or town; clean appearance. Free after 1 week; fair salary required. CDB/745, London Office of this Paper.

WHOLESALE

ADHESIVE Plasters, Surgical Dressings, and Pharmaceutical Specialities. Good organiser. CDB/744, London Office of this Paper.

EXPERIENCED Qualified Representative; exempt military service, requires situation with firm of repute; excellent sales record; good connection Midlands and Eastern Counties. Willing to pioneer new proprietary line or open new territory. CDB/738, London Office of this Paper.

EXPERT export and home Representative; twenty-five years' experience of drug and chemical trade; inside organising ability; able to control staff; introducing labour saving systems, etc.; immediate engagement; age 40. CDB/741, London Office of this Paper.

REPRESENTATIVE, late of Westminster Laboratories. As Representative or Agent for good company. Age 38, married; Austin 8 car, 1938; connexion London, Kent, Surrey, Sussex, Hants, Dorset, Wilts, Berks, Oxon, Bucks, Middx., part Essex. 388/264, London Office of this Paper, or phone Bowes Park 3571.

TABLET Maker (42) desires post. Compressing, Coating; 20 years in the trade. Would take charge. H. Evans, 4 Hill Top, Breadsall, Derby.

TRAVELLER with connexion among Chemists, Southern Counties, seeks representation or would carry suitable lines on commission basis. Reply, G. Betterton, 47 St. Leonard's Court, East Sheen, London, S.W.14.

WANTED

A VERY low mileage Saloon Car required. Fullest particulars and price to Builders' Merchant, 22 Finchley Court, N.3. Finchley 5111.

GRANULATOR for Tablet-making, also Tablet-making Machine wanted. Renall, Ltd., 63 White Lion Street, London, N.1.

LIPSTICK cases, bottles and glass jars or pots for face creams, any quantity. "Winmore," 99 Blacketts Wood Drive, Chorley Wood, Herts.

OILS or Fats and Glycerine, also Block Stearine wanted Box 56, Pool's, Brettenham House, Lancaster Place, W.C.2.

POWER-DRIVEN Emulsifier. State price and give full particulars, please. Crewe & Co., Manufacturing Chemists, Avenue Street, Stockport.

REQUIRED.—One million a month, Saccharin Tablets. Any size for Cash. 388/257, London Office of this Paper.

SULPHONATED Loral, any quantities. State price. Belleville, Ltd., 195 Wardour Street, W.1.

WANTED.—Soap Powder; fine or coarse; Opt. or Commercial; large or small quantities; bulk or packed. Offers to CDB/739, London Office of this Paper.

WANTED by England's largest Photographic Dealers. All Miniature Cameras, extra lenses and accessories, Rolleiflex, Leica, Contax, Ikontas, etc., also films for Leica, etc. Will buy quotas. Wallace Heaton, Ltd., 127 New Bond Street, W.1.

15% to 20% offered on all quota lines, large quantities required open to purchase large or small quotas in classes 3, 9, 12, 14, 15, 16. Reply to 388/262, London Office of this Paper.

MISCELLANEOUS

London Wholesaler, well established and with very good connections in the Grocery Trade, is interested in additional lines. Also willing to advise and undertake marketing of new products. Manufacturers please write to 388/259, London Office of this Paper.

FIRM with thousands of live accounts, depots in all cities, require first-class lines. Will pay cash for all goods and attend to the distribution. CDB/725, London Office of this Paper.

QUOTA: CLASS 16

Established Firm desires to purchase any available quota in above class. Offers invited. 387/236, London Office of this Paper.

SHREWSBURY firm of Manufacturing Chemists are willing to take on manufacture and/or packing, and/or dispatch of Medicinal Products. Apply, Willington Medicals Ltd., 87 Whitchurch Road, Shrewsbury, Shropshire.

FOR SALE

BEST quality Lipsticks (Light, Medium and Cyclamen) in plain bakelite black holders. Outstanding value, 21s. per dozen. Cash with orders. Gene Products, Regency House, Warwick Street, W.1. Limited supplies only.

FACE Powders, good quality, boxed, 17s. 6d. doz. Shampoo Powders, attractively packed, 36s. per gross. Lipsticks in bakelite cases, to retail, 4s. 6d.; 36s. doz. Refills, superior quality, wrapped cellophane, 17s. 6d. per doz. Vanishing Cream and Cold Cream, jars, 16s. per doz. Cash with order. Satisfaction or cash returned. Gene Products, Regency House, Warwick Street, London, W.1.

LIPSTICK Holders, enamelled wood, $1\frac{1}{2}$ in. long by $\frac{1}{2}$ in. square—holds 11 mm. lipsticks—three colours, 12s. 6d. sample dozen. £6 12s. a gross. Also complete Lipsticks (three shades, L., M. and D.), super quality, sample dozen, 21s.; gross rate, 18s. Cash with order. 53 Embassy House, West End Lane, N.W.6.

OBTAIN the correct pigments for the Ideal shades of Rouges, Lipsticks and Face Powders; waterproof. Sample packet of various shades, 9d.; 10s. 6d. lb. C.W.O. 388/265, London Office of this Paper.

SCALES, four Beam to weigh respectively 56 lbs., 10 lbs.; two, All Brass, 2 lbs. each; another no beam, with deep scoop, Brass, 5 lbs. Prices: 1st £4 15s.; 2nd £4; 3rd, each £2 15s.; 4th £3. Market wanted for 4 cwt. Flour Sulphur, 2 cwt. Rock ditto; 4 cwt. Bicarbonate Soda. Samples on request. Fred Rushton, 14 Summit Close, Kingsbury, London, N.W.9.

STILL, Gas-heated, for sale. Capacity 2 gall. p.h. Ulvir, Ltd. 27 Burnt Oak, Broadway, EDGware. Tel. Col. 3153.

TWO tons six hundredweights Finest Grade Sodium Sesquicarbonate for sale. Offers wanted. Specimen available on request. 388/256, London Office of this Paper.

AGENCIES

AS Eire Distributors, old-established firm Sales organisation, Chemists, Hairdressers, Stores, unimpeachable references, etc., require one or more Proprietary lines for distribution on commission basis. A. W. Magennis, Ltd., 65 Middle Abbey Street, Dublin.

OLD-established Agents and Manufacturers, depots in all principal cities, require additional first-class lines. Prepared to purchase for cash in bulk. CDB/724, London Office of this Paper.

SPECIAL NOTICE TO SUBSCRIBERS

Under present conditions it is not possible to follow our usual procedure of sending a series of reminders about subscription renewals, nor continue the posting of copies after a subscription has expired, owing to the necessity of conserving paper supplies. For the same reason we cannot supply back numbers after postings have once ceased.

We hope therefore that our friends will co-operate by sending renewal instructions and remittance as soon as due, addressed to

**The Chemist and Druggist, The Pitman Press
Bath, Somerset**

N.B.—Changes in name or address or any alteration of any kind in the current mailing list should be sent seven days in advance of the issue which they are to affect.

LATE NEWS

Company News.—LEVER BROS. and UNILEVER, LTD.—A dividend of 5 per cent. is to be paid on the ordinary capital for the year 1940, against 10 per cent. for the previous twelve months. Net profits were £6,987,130, against £6,742,053. Decision to recommend lower dividend this year was announced as being of a precautionary nature and connected with the placing of certain sums to reserve.

Belfast Chemists' Closing Hours.—In addition to the details given in last week's issue of the C. & D. (p. 132), the following closing arrangements are in operation in Belfast. They came into force on September 8. Messrs. J. C. Acheson, Ph.C., 62 Cromac Street, and J. Caldwell, Ph.C., 73 Chichester Street, Cleary's Medical Hall, Ltd., 12 Cromac Street, and Mr. T. McGurk, Ph.C., Cromac Square, close at 7.30 p.m. on Mondays to Fridays and 9 p.m. on Saturdays. The new arrangements have the approval of the Northern Ireland Ministry of Labour. No alterations have been made in the existing arrangements for Sundays.

Revised Battery Prices.—The Board of Trade has made an Order under the Goods and Services (Price Control) Act, 1941, fixing revised maximum prices for imported torch batteries. No change is made in the retail prices of batteries imported from the United States and from Canada, but prices of batteries imported from other countries have been modified. Maximum prices at which manufacturers or importers and wholesalers respectively may sell these batteries are now prescribed. Any trader who sells batteries to which the Order applies must take certain steps to bring the maximum prices to the notice of customers. The Order (S.R. & O., 1941, No. 1438) comes into operation on Monday, September 22.

Trade Report

ARNICA FLOWERS.—There are no supplies available and no quotations are being made.

CAJUPUT OIL.—Firmer, with spot at 8s. or more per lb., ex store.

CANTHARIDES.—Interest in this product has been small. Chinese, in small supply, would be worth about 7s. 6d. per lb. on spot. No supplies of Russian are available.

COCOA BUTTER.—The maximum price is fixed at 1s. 3½d. per lb., ex factory or warehouse, except under Ministry of Food licence.

COCONUT (DESICCATED).—A Ministry of Food Order fixes the maximum price at 49s. per cwt.

CORCUCUM.—Small spot supplies of Indian are quoted at approximately 3s. per lb.

DAMIANA LEAVES.—Quotations are nominal in the absence of supplies. New stocks may become available towards the end of the year, subject to import licences being granted and freight being available.

HONEY.—First-hand, wholesale and retail prices for imported honey and maximum retail prices for home-produced honey are fixed by Ministry of Food Order. For full scale of prices, see C. & D., August 30, p. 119.

OIL OF CADE.—Spot value would be in the region of 5s. or more per lb. Prices to first-hand importers would be at lower figures.

ARE YOU UNEMPLOYED AS A DIRECT RESULT OF THE WAR ? IF SO, READ THIS

In order to assist employees who have lost their employment, either through enemy action or through businesses being closed down in defence areas, a scheme of free advertisements in the "Situations Wanted" column of this Supplement will be available until further notice.

Any such employee of a retail pharmacist, whether qualified or not, or any employee of works producing or distributing products in connexion with the drug and associated industries is invited to make full use of this facility without charge.

Advertisements should be accompanied by particulars of last employment and cause of its termination, and should be addressed to The Publisher, The Chemist and Druggist, The Pitman Press, Bath, to arrive not later than WEDNESDAY morning of week of issue.

WAR-TIME UNEMPLOYMENT SITUATIONS WANTED

The advertisements in this section are inserted free and are from advertisers who have lost their employment as a direct result of the war. Prospective employers are requested to give them special consideration.

Advertisers in this Section should advise us immediately employment has been secured.

RETAIL

AS Drug Store Manager; widely experienced; over military age. Excellent reference. Disengaged through war conditions. Statim, CDB/691, London Office of this Paper.

B. PHARM., Ph.C. (25), Northern Irish, seeks position in Manufacturing, Works or Laboratory, with firm of sound reputation, preferably engaged in development of chemotherapy or serums. 387/230, London Office of this Paper.

DISPENSER-Secretary, Hall qualification; thoroughly experienced, seeks appointment. Hospital, Doctors, or Chemists. CDB/675, London Office of this Paper.

UNQUALIFIED Assistant, youth, 21, three years' experience retail, desires position wholesale or retail or in hospital, Great Britain or Ireland. Not liable for military service. CDB/740, London Office of this Paper.

WHOLESALE

REPRESENTATIVE, experienced, over military age, disengaged owing to Limitations of Supplies. Has for many years represented well-known houses in London and South, South-Western counties, also Northern area; chemists' connexion over 5,000. Resident in London; car driver; very anxious to resume work. 388/244, London Office of this Paper.

SALES Manager, organiser, representative, over military age; twenty years' toilet trade with chemists' connexion; open for position marketing and introducing good beauty aids. First-class references. CDB/736, London Office of this Paper.

PARTNERSHIP

PARTNERSHIP. St. Albans. Qualified Chemist (elderly) as Partner, for converting Drug Stores into Chemist's Pharmacy; good-class district. Owner in H.M. Forces. Turn-over, April, 1940, to April, 1941, over £1000; established 2½ years; rent £125. Excellent scope for doing full N.H.I., etc. No opposition whatsoever. Apply, CDB/693, London Office of this Paper.

PRICE LISTS, TRADE CIRCULARS, SAMPLES, AND PRINTED MATTER

can in no case be forwarded, the Box numbers being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

"A Handbook to Pharmacy"

by William Kirkby, M.Sc., Ph.C.

An important addition to the C. & D. business library for Chemists

"The Script" says:—"An epitome of information which is spread over numerous other works. The book appears to be designed with the idea of giving the salient facts relating to all sides of pharmacy rather than to expound the whys and wherefores. It is thus a book that is the key to others, on pharmacy, including the Pharmacopœia. It is really a *multum in parvo* of facts and should be on the desk—not the shelves—of every pharmacist."

You can secure a copy for **5/6d.** post free

Order from

The Publisher, **THE CHEMIST AND DRUGGIST**
The Pitman Press
BATH

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